# STR-DA3000ES

## SERVICE MANUAL

Ver. 1.2 2005.07

US Model
Canadian Model
AEP Model
E Model



This receiver incorporates Dolby* Digital and Pro Logic Surround and the DTS** Digital Surround System.

* Manufactured under license from Dolby Laboratories.
"Dolby", "Pro Logic" and the double-D symbol are trademarks of Dolby Laboratories.

** "DTS", "DTS-ES Extended Surround", and "Neo:6" are trademarks of Digital Theater Systems, Inc.

## SPECIFICATIONS

### AUDIO POWER SPECIFICATIONS

**POWER OUTPUT AND TOTAL HARMONIC DISTORTION:**
**(Models of area code US only)**

With 8 ohm loads, both channels driven, from 20 – 20,000 Hz; rated 150 watts per channel minimum RMS power, with no more than 0.6% total harmonic distortion from 250 milliwatts to rated output.

**Amplifier section**

Models of area code US, Canadian, Taiwan:
POWER OUTPUT
Rated Power Output at Stereo Mode[1]
(8 ohms 20 Hz – 20 kHz, THD 0.6%)
150 W + 150 W
Reference Power Output at Stereo Mode
(4 ohms 20 Hz – 20 kHz, THD 0.6%)
130 W + 130 W
Reference Power Output
(8 ohms 20 Hz – 20 kHz, THD 0.6%)
FRONT[2]: 150 W + 150 W
CENTER[2]: 150 W
SURR[2]: 150 W + 150 W
SURR BACK[2][3]: 150 W + 150 W
SURR BACK[2][4]: 150 W
(4 ohms 20 Hz – 20 kHz, THD 0.6%)
FRONT[2]: 130 W + 130 W
CENTER[2]: 130 W
SURR[2]: 130 W + 130 W
SURR BACK[2][3]: 130 W + 130 W
SURR BACK[2][4]: 130 W

Models of area code AEP, Korean:
POWER OUTPUT
Rated Power Output at Stereo Mode[1]
(8 ohms 1 kHz, THD 0.7%)
150 W + 150 W
Reference Power Output at Stereo Mode
(4 ohms 1 kHz, THD 0.7%)
130 W + 130 W
Reference Power Output
(8 ohms 1 kHz, THD 0.7%)
FRONT[2]: 150 W + 150 W
CENTER[2]: 150 W
SURR[2]: 150 W + 150 W
SURR BACK[2]: 150 W
(4 ohms 1 kHz, THD 0.7%)
FRONT[2]: 130 W + 130 W
CENTER[2]: 130 W
SURR[2]: 130 W + 130 W
SURR BACK[2]: 130 W

1) Depending on the sound field settings and the source, there may be no sound output.
2) Measured under the following conditions:

| Area code | Power requirements |
|---|---|
| US, Canadian | 120 V AC, 60 Hz |
| Taiwan | 110 V AC, 60 Hz |
| AEP | 230 V AC, 50/60 Hz |
| Korean | 220 V AC, 60 Hz |

3) Models of area code US, Canadian only.
4) Models of area code Taiwan only.

Frequency response

| | |
|---|---|
| PHONO | RIAA equalization curve ±0.5 dB |
| MULTI CHANNEL INPUT 1, 2, CD/SACD, TAPE, MD/DAT, DVD, TV/SAT, VIDEO 1, 2, 3 | 10 Hz – 40 kHz ±3 dB (when sound field and equalizer bypassed) |

– Continued on next page –

## FM STEREO FM/AM RECEIVER

**9-961-109-03**
2005G05-1

**Sony Corporation**
**Audio Group**
**Published by Sony Engineering Corporation**

SONY®

Inputs (Analog)

| | |
|---|---|
| PHONO | S/N: 86 dB |
| MULTI CHANNEL INPUT 1, 2, CD/ SACD, TAPE, MD/ DAT, DVD, TV/SAT, VIDEO 1, 2, 3 | S/N: 96 dB |

Inputs (Digital)

| | |
|---|---|
| CD/SACD, DVD (Coaxial) | S/N: 96 dB (A, 20 kHz LPF) |
| CD/SACD, DVD, TV/ SAT, MD/DAT, VIDEO3 (Optical) | S/N: 96 dB (A, 20 kHz LPF) |

Outputs

| | |
|---|---|
| TAPE, MD/DAT (REC OUT), VIDEO 1, 2 (AUDIO OUT) | |
| FRONT L/R, CENTER, SURROUND L/R, SURROUND BACK (L/R), SUB WOOFER | |

EQUALIZER

| | |
|---|---|
| Gain levels | ±10 dB, 1 dB step |

### FM tuner section

Tuning range 87.5 - 108.0 MHz
Antenna FM wire antenna
Antenna terminals 75 ohms, unbalanced
Sensitivity
Mono: 18.3 dBf, 2.2 µV/75 ohms
Stereo: 38.3 dBf, 22.5 µV/75 ohms
Useable sensitivity 11.2 dBf, 1 µV/75 ohms
S/N
Mono: 76 dB
Stereo: 70 dB
Harmonic distortion at 1 kHz
Mono: 0.3%
Stereo: 0.5%
Separation 45 dB at 1 kHz
Frequency response 30 Hz – 15 kHz, +0.5/–2 dB
Selectivity 60 dB at 400 kHz

### AM tuner section

Tuning range
Models of area code U, CA:
530 – 1,710 kHz[7)]
(With 10-kHz tuning scale)
531 – 1,710 kHz[7)]
(With 9-kHz tuning scale)
Models of other area codes:
531 – 1,602 kHz
(With 9-kHz tuning scale)
Antenna Loop antenna
Usable sensitivity 50 dB/m (at 1,000 kHz or 999 kHz)
S/N 54 dB (at 50 mV/m)
Harmonic distortion 0.5% (50 mV/m, 400 Hz)
Selectivity
At 9 kHz: 35 dB
At 10 kHz: 40 dB

5) You can change the AM tuning scale to 9 kHz or 10 kHz. After tuning in any AM station, turn off the receiver. While holding down PRESET TUNING + or TUNING +, press I/⏻. All preset stations will be erased when you change the tuning scale. To reset the scale to 10 kHz (or 9 kHz), repeat the procedure.

### Video section

Inputs/Outputs
Video: 1 Vp-p, 75 ohms
S-video: Y: 1 Vp-p, 75 ohms
C: 0.286 Vp-p, 75 ohms
COMPONENT VIDEO: Y: 1 Vp-p, 75 ohms
$P_B$/$C_B$/B-Y: 0.7 Vp-p, 75 ohms
$P_R$/$C_R$/R-Y: 0.7 Vp-p, 75 ohms

### General

Power requirements

| Area code | Power requirements |
|---|---|
| US, Canadian | 120 V AC, 60 Hz |
| AEP | 230 V AC, 50/60 Hz |
| Taiwan | 110 V AC, 60 Hz |
| Korean | 220 V AC, 60 Hz |

Power consumption

| Area code | Power consumption |
|---|---|
| Except Canadian | 280 W |
| Canadian | 470 VA |

Power consumption (during standby mode)
1 W

AC outlets

| Area code | AC outlets |
|---|---|
| US, Canadian | 2 switched, 120 W/1A MAX |
| AEP | 1 switched, 100 W MAX |
| Taiwan | 2 switched, 100 W MAX |
| Korean | – (no AC outlet) |

Dimensions 430 × 175 × 470 mm including projecting parts and controls
Mass (Approx.) 13 kg

### Supplied accessories

FM wire antenna (1)
AM loop antenna (1)
AC power cord (1)
Remote commander RM-LG112 (1)
R6 (size-AA) batteries (2)
Remote commander RM-US106 (1)
(US, Canadian models)
R6 (size-AA) batteries (2) (US, Canadian models)

Design and specifications are subject to change without notice.

### Notes on chip component replacement

- Never reuse a disconnected chip component.
- Notice that the minus side of a tantalum capacitor may be damaged by heat.

### SAFETY CHECK-OUT

After correcting the original service problem, perform the following safety check before releasing the set to the customer:
Check the antenna terminals, metal trim, “metallized” knobs, screws, and all other exposed metal parts for AC leakage.
Check leakage as described below.

### LEAKAGE TEST

The AC leakage from any exposed metal part to earth ground and from all exposed metal parts to any exposed metal part having a return to chassis, must not exceed 0.5 mA (500 microamperes.). Leakage current can be measured by any one of three methods.

1. A commercial leakage tester, such as the Simpson 229 or RCA WT-540A. Follow the manufacturers’ instructions to use these instruments.
2. A battery-operated AC milliammeter. The Data Precision 245 digital multimeter is suitable for this job.
3. Measuring the voltage drop across a resistor by means of a VOM or battery-operated AC voltmeter. The “limit” indication is 0.75 V, so analog meters must have an accurate low-voltage scale. The Simpson 250 and Sanwa SH-63Trd are examples of a passive VOM that is suitable. Nearly all battery operated digital multimeters that have a 2 V AC range are suitable. (See Fig. A)

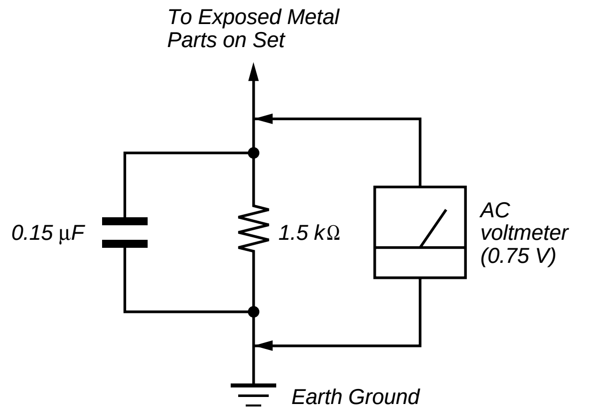



*Fig. A. Using an AC voltmeter to check AC leakage.*

### UNLEADED SOLDER

Boards requiring use of unleaded solder are printed with the lead-free mark (LF) indicating the solder contains no lead.
(Caution: Some printed circuit boards may not come printed with the lead free mark due to their particular size)

### : LEAD FREE MARK

Unleaded solder has the following characteristics.

- Unleaded solder melts at a temperature about 40 ˚C higher than ordinary solder.
  Ordinary soldering irons can be used but the iron tip has to be applied to the solder joint for a slightly longer time.
  Soldering irons using a temperature regulator should be set to about 350 ˚C.
  Caution: The printed pattern (copper foil) may peel away if the heated tip is applied for too long, so be careful!
- Strong viscosity
  Unleaded solder is more viscou-s (sticky, less prone to flow) than ordinary solder so use caution not to let solder bridges occur such as on IC pins, etc.
- Usable with ordinary solder
  It is best to use only unleaded solder but unleaded solder may also be added to ordinary solder.

**SAFETY-RELATED COMPONENT WARNING!!**

**COMPONENTS IDENTIFIED BY MARK ⚠ OR DOTTED LINE WITH MARK ⚠ ON THE SCHEMATIC DIAGRAMS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.**

**ATTENTION AU COMPOSANT AYANT RAPPORT À LA SÉCURITÉ!**

**LES COMPOSANTS IDENTIFIÉS PAR UNE MARQUE ⚠ SUR LES DIAGRAMMES SCHÉMATIQUES ET LA LISTE DES PIÈCES SONT CRITIQUES POUR LA SÉCURITÉ DE FONCTIONNEMENT. NE REMPLACER CES COMPOSANTS QUE PAR DES PIÈCES SONY DONT LES NUMÉROS SONT DONNÉS DANS CE MANUEL OU DANS LES SUPPLÉMENTS PUBLIÉS PAR SONY.**

## TABLE OF CONTENTS

# SECTION 1
# SERVICING NOTES

• **MODEL IDENTIFICATION**

**– Back Panel –**




| Model | PART No. |
|---|---|
| US model | 4-246-512-0□ |
| Canadian model | 4-246-512-1□ |
| AEP model | 4-246-512-2□ |
| Taiwan model | 4-246-512-3□ |
| Korean model | 4-246-512-4□ |

**ERROR MESSAGES**

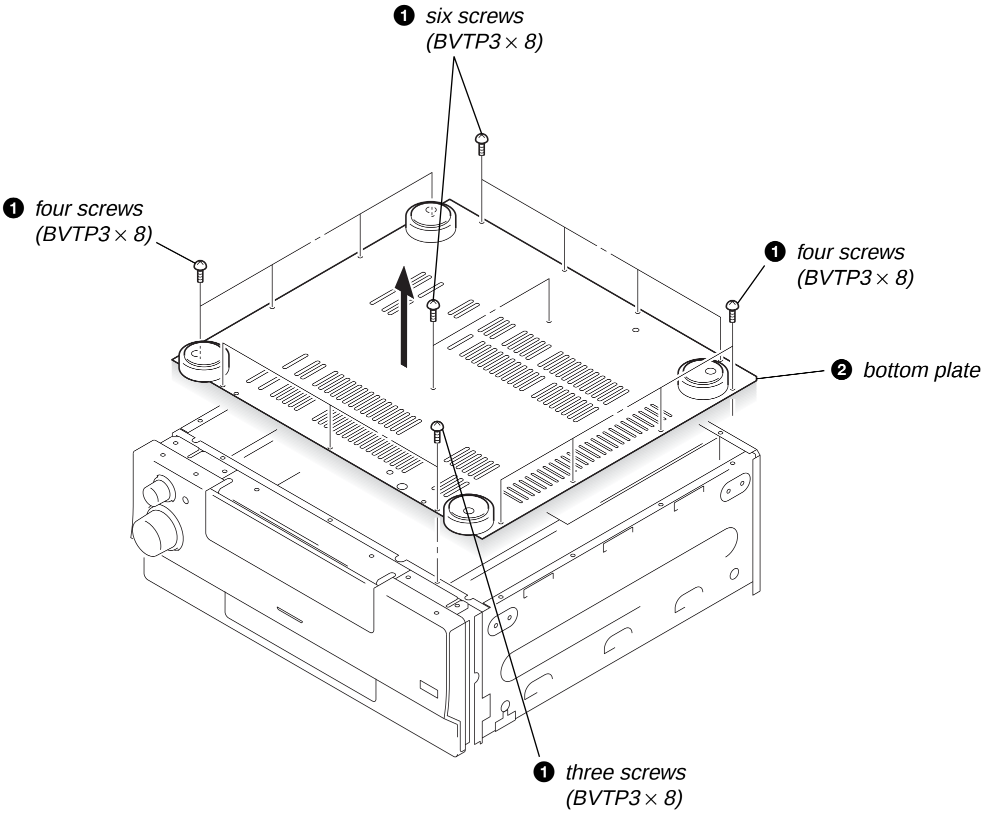
If there is a malfunction, the display shows a code of two numbers and a message. You can check the condition of the system by message. Refer to the following table to solve the problem.

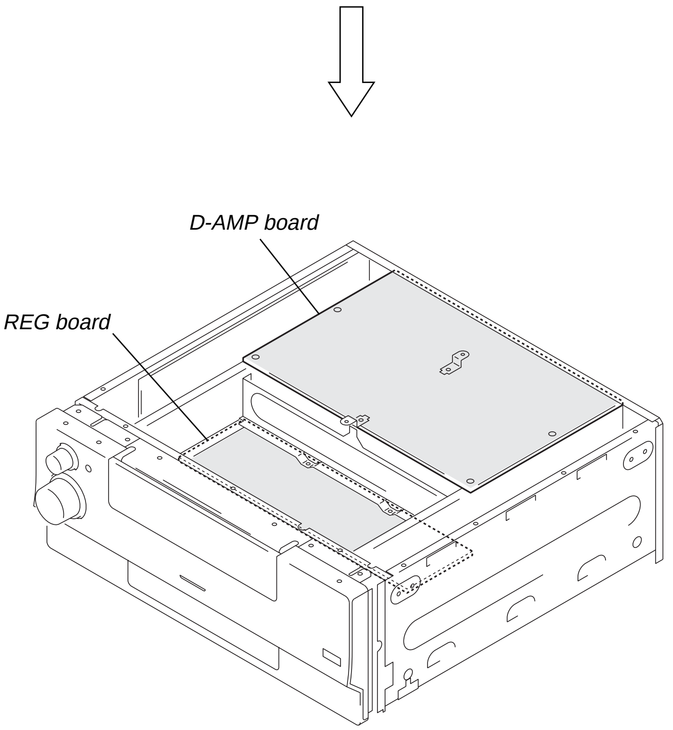
| messages | check code | cause and response |
|---|---|---|
| DECODE ERROR | 01 | Appears when the signal which the receiver can not decode (example DSD-CD) is input when “DEC. PRI.” in the CUSTOM IZE menu is set to “PCM”. Set to “AUTO”. |
| PROTECTOR | 11 | Irregular current output to the speakers. Turn off the receiver and check the speaker connection. Then turn on the power again. Be comes this display, When short current flowed with breakage of the power MOS, or when detection resistor becomes open in connection with it. |
| PROTECTOR | 12 | The amplifier section is overheated. Turn off the receiver and check that the ventilation hole is not covered. Leave the receiver for a while and turn on the power again. |
| PROTECTOR | 13 | The power supply section is overheated. Turn off the receiver and check that the ventilation hole is not covered. leave the receiver for a while and turn on the power again. |
| PROTECTOR | 21 | DC between speaker terminal is detected (abnomalities such as DSD 0DATA and signal clip can be considered). Turn off the receiver and check the speaker connection. Then turn on the power again. |
| PROTECTOR | 22 | Two defects a e considered, when current detection of a switching power supply operated by the super fluous speaker, +B power supply shut down or when the power MOS broke and +B line short. Turn off the receiver and check the speaker connection. Then turn on the power again. |

**Note:** Follow the disassembly procedure in the numerical order given.

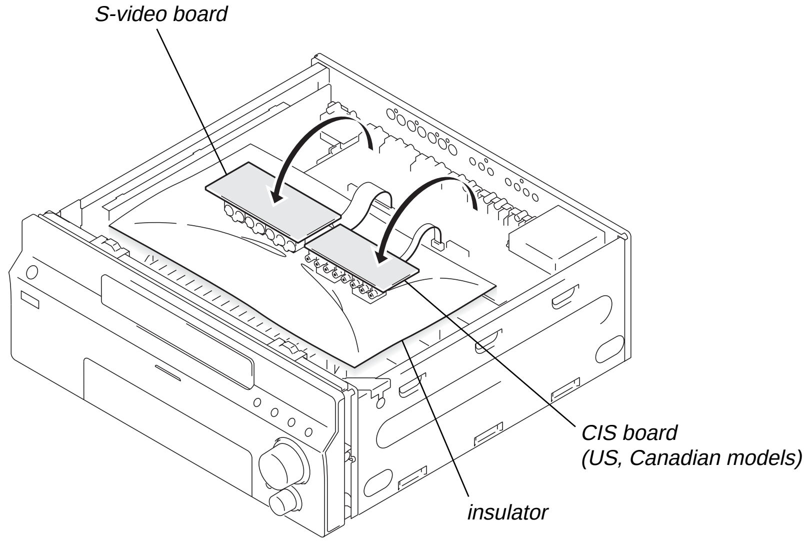
### D-AMP BOARD, REG BOARD SERVICE POSITION

### – BOTTOM VIEW –

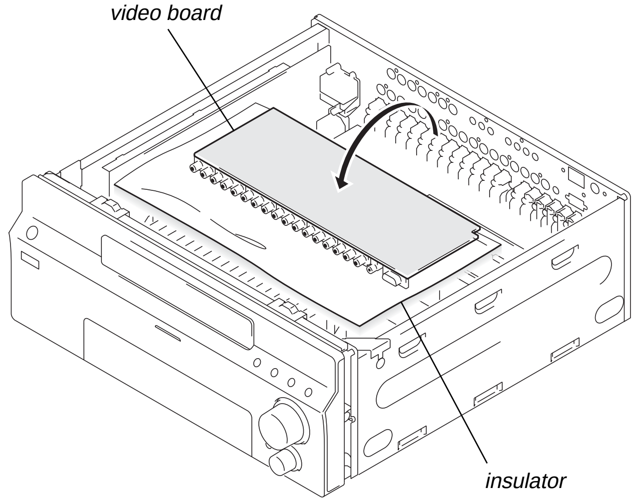


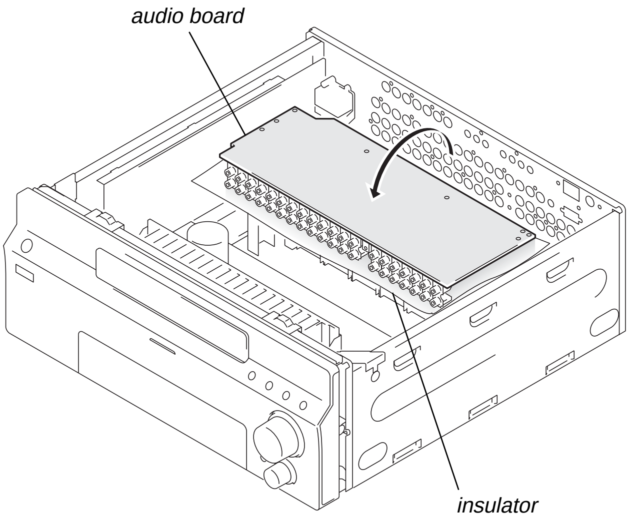
**CIS BOARD (US, Canadian models), S-VIDEO BOARD SERVICE POSITION**



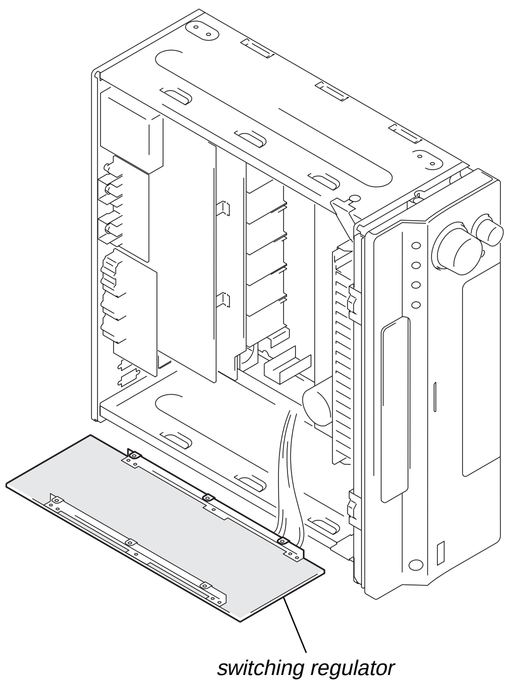

**VIDEO BOARD SERVICE POSITION**



**AUDIO BOARD SERVICE POSITION**

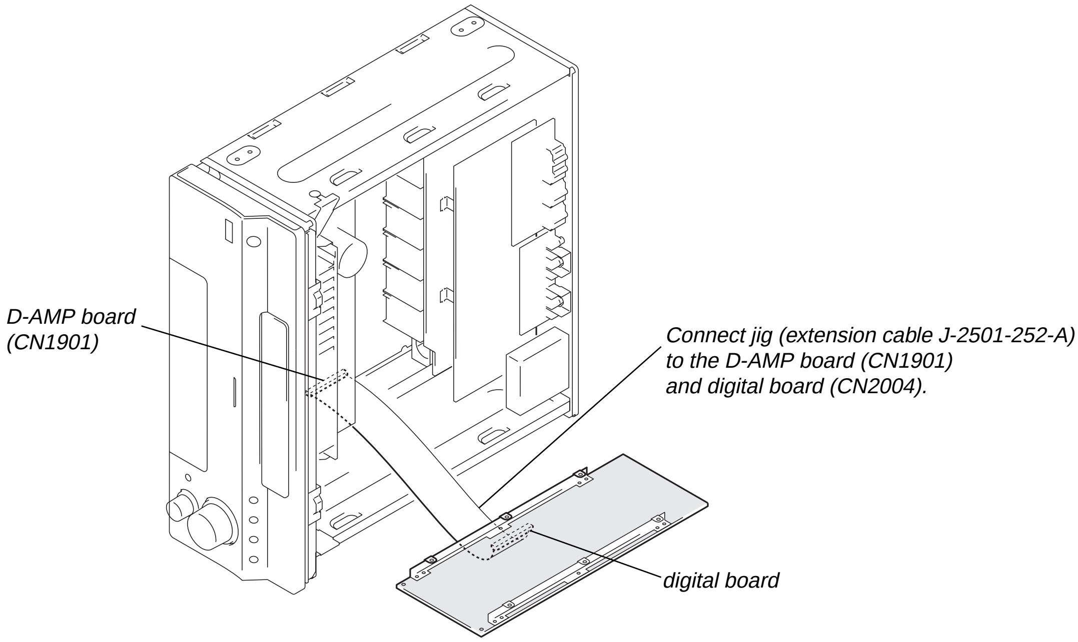



**SWITCHING REGULATOR SERVICE POSITION**

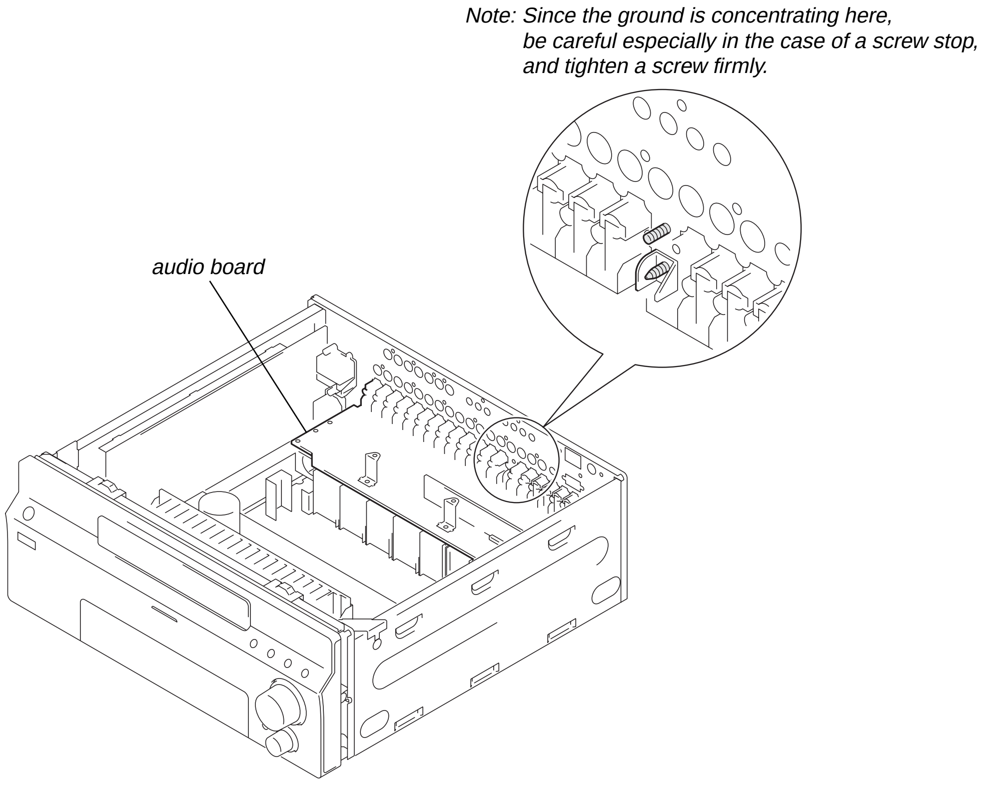


**DIGITAL BOARD SERVICE POSITION**

In checking the digital board, prepare jig (extension cable J-2501-252-A: 1.25 mm Pitch, 35 cores, Length 300 mm).




**CAUTIONS OF THE ATTACHMENT SCREW BUNDLE OF AUDIO BOARD**



# SECTION 2
# GENERAL

This section is extracted from instruction manual.

## LOCATION OF CONTROLS

### – Front Panel –

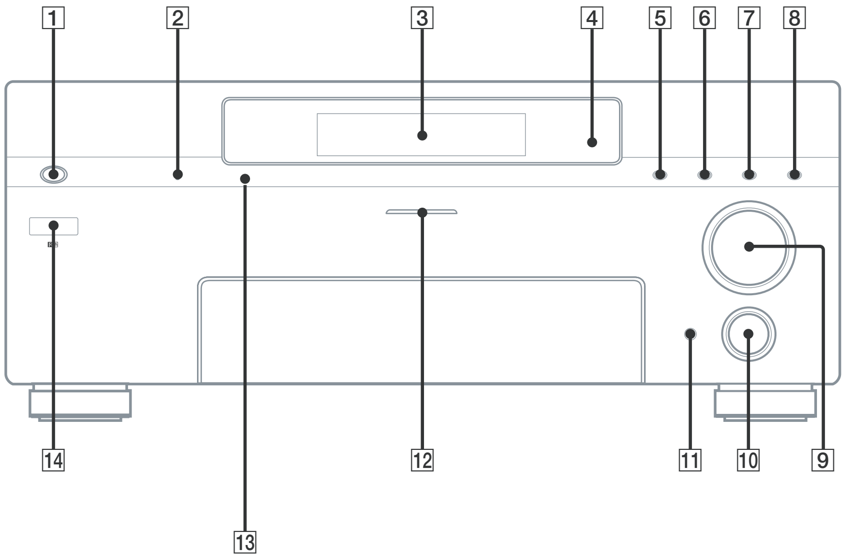
### Main unit

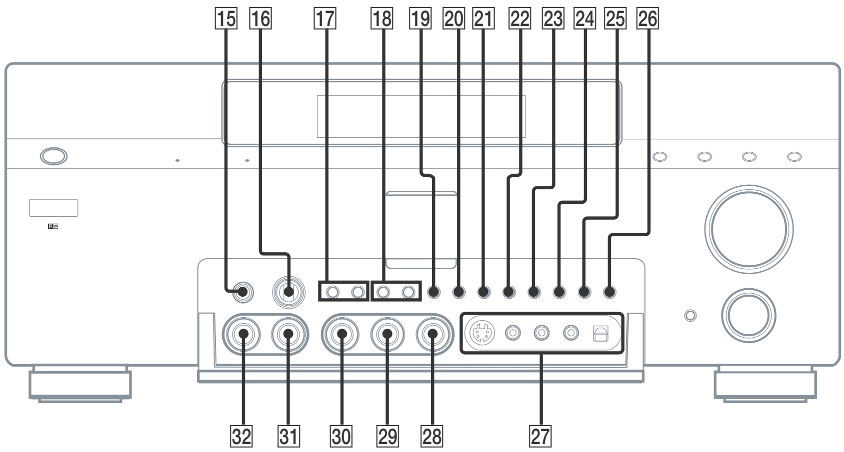
**ALPHABETICAL ORDER**

A.F.D. 6
BASS 32
DECODE PRIORITY 23
Digital Cinema Sound indicator 4
DIMMER indicator 13
DIRECT 24
DIRECT indicator 2
DISPLAY 22
Display 3
FM/AM 19
INPUT MODE 11
INPUT SELECTOR 10
IR receptor 14
MAIN MENU 30
MASTER VOLUME 9
MEMORY/ENTER 20
MENU 29
MOVIE 7
MULTI CH IN 1/2 25
MULTI CHANNEL DECODING indicator 12
MUSIC 8
PHONES jack 15
PRESET TUNING –/+ 17
SPEAKERS switch 16
SURR BACK DECODING 26
TREBLE 31
TUNING –/+ 18
USER PRESET 21
VIDEO 3 INPUT jacks 27

**NUMBERS AND SYMBOLS**

2CH 5
I/⏻ (power) 1
–/+ 28

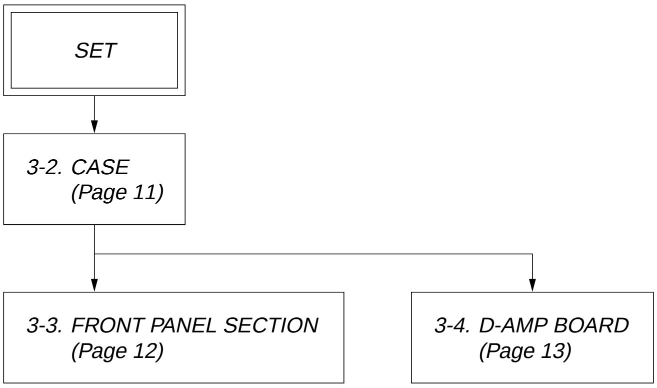


# SECTION 3
# DISASSEMBLY

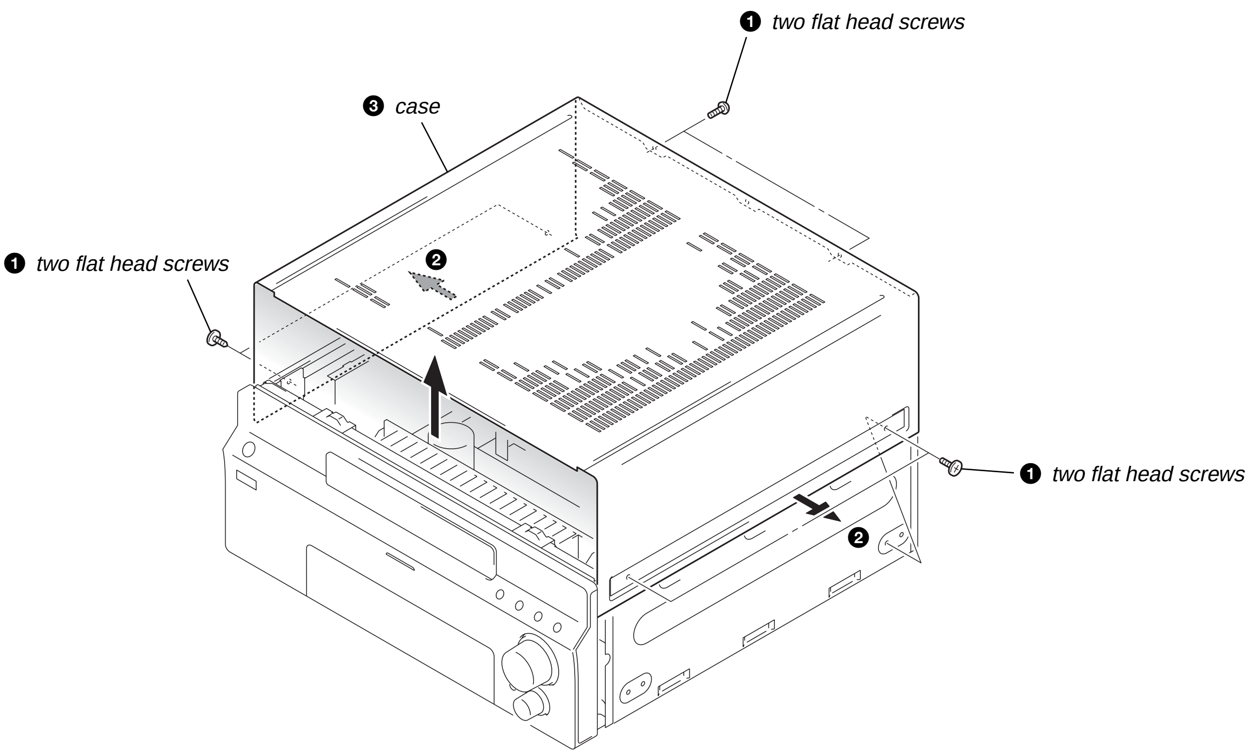
• This set can be disassembled in the order shown below.

## 3-1. DISASSEMBLY FLOW

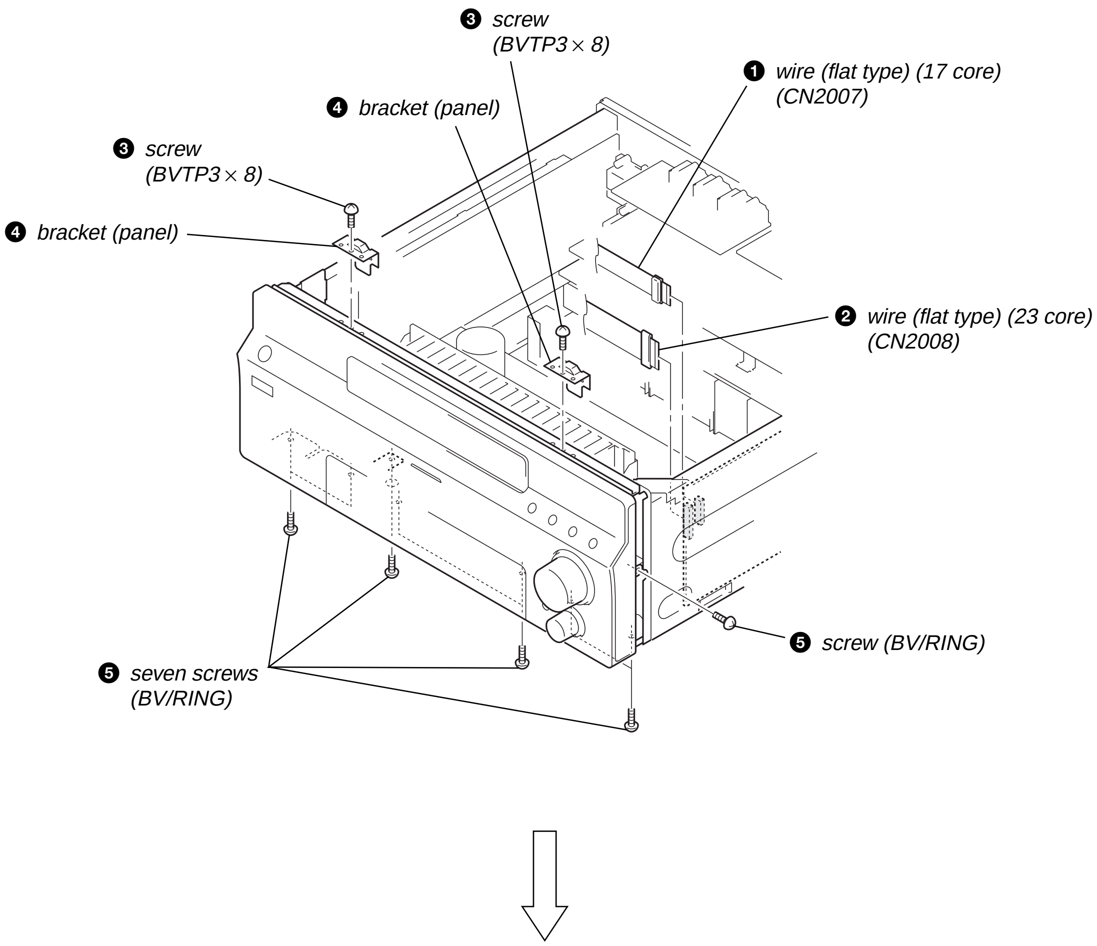


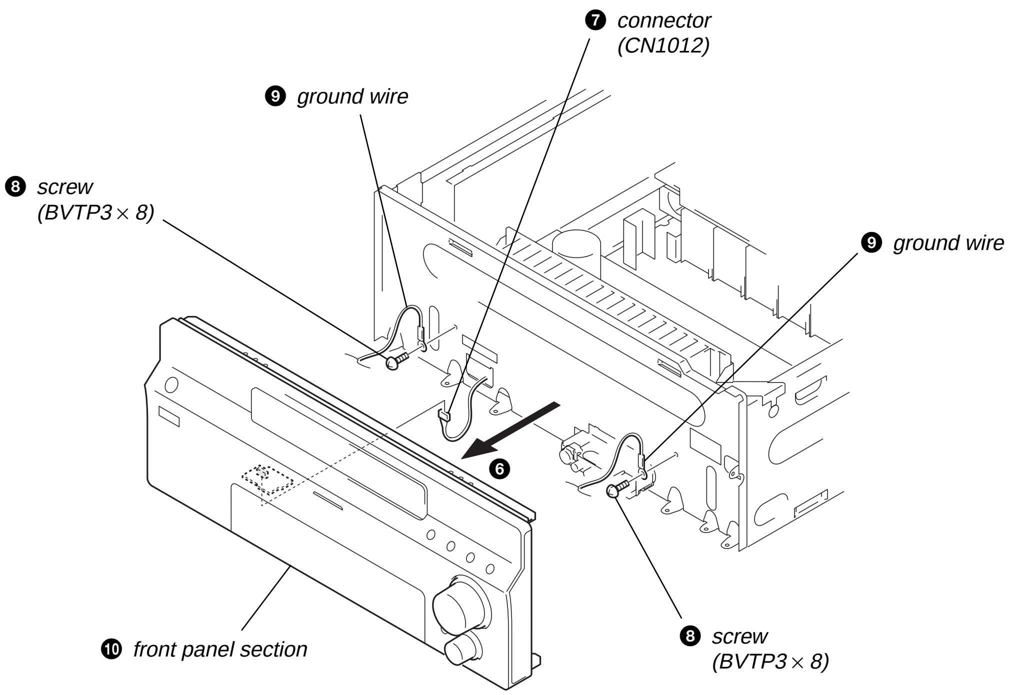

**Note:** Follow the disassembly procedure in the numerical order given.

## 3-2. CASE

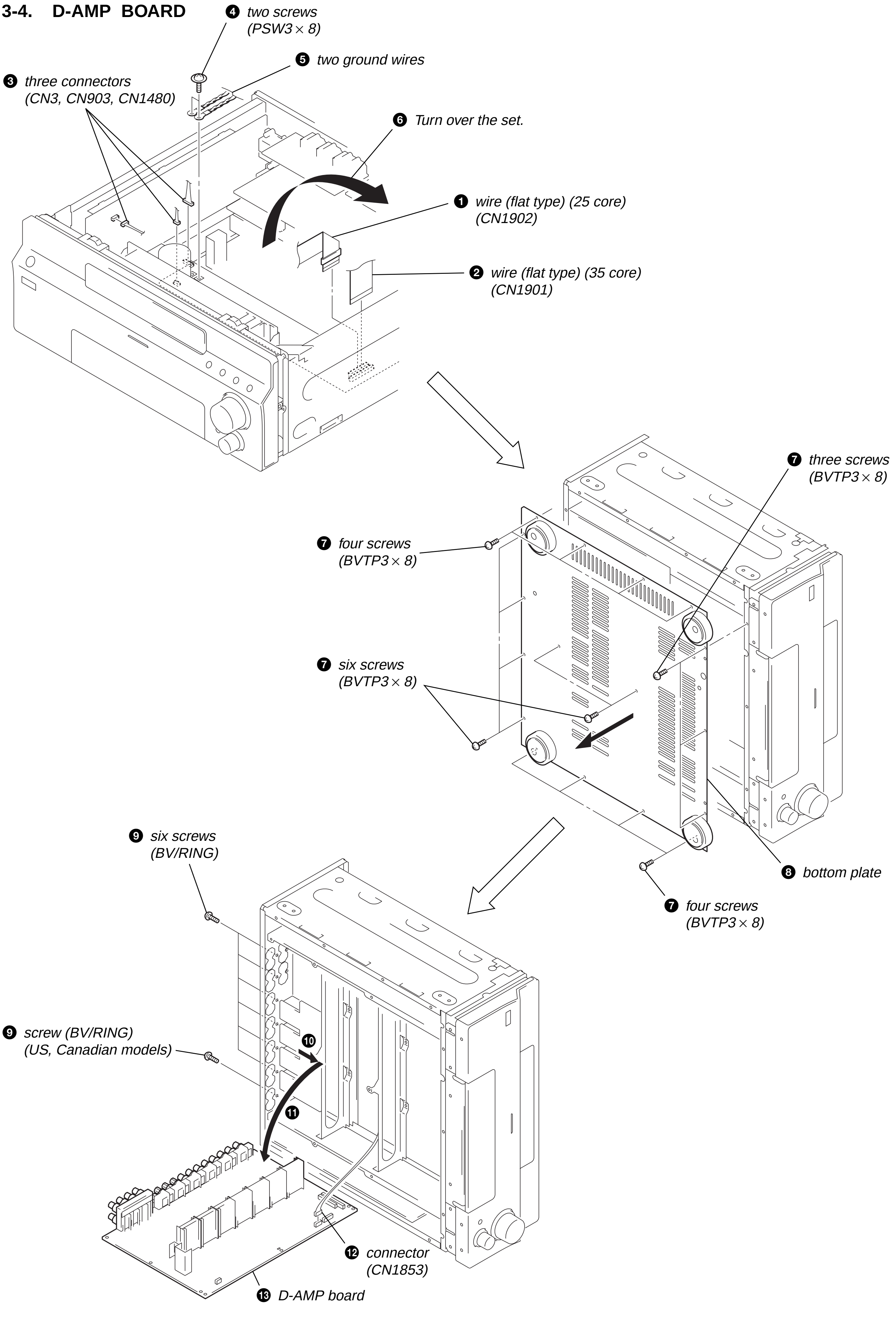


### 3-3. FRONT PANEL SECTION



## 3-4. D-AMP BOARD



# SECTION 4
# TEST MODE

## TUNER FACTORY PRESET MODE

All preset contents are reset to the default setting.

**Procedure:**

1. While pressing the [SURR BACK DECODING] and [PRESET TUNING –] buttons, press the [I/⏻] button to turn on the main power.
2. The message “TUNER FACTORY PRESET” appears and the present contents are reset to the default values.

## TUNER AM STEP CHANGE (9 kHz/10 kHz) MODE

Either the 9 kHz step or 10 kHz step can be selected for the AM channel step.

**Procedure:**

1. While pressing the [PRESET TUNING +] or [DISPLAY] button, press the [I/⏻] button to turn on the main power.
2. Either the message “AM 9K STEP” or “AM 10K STEP” appears. Select the desired step.

## TUNER AUTOBETICAL TUNING MODE

**Procedure:**

1. While pressing the [MEMORY/ENTER] button, press the [I/⏻] button to turn on the main power.
2. The message “Autobetical select” appears and scans and stores all the FM and FM RDS stations in the broadcast area.
3. When done, the message “FINISH” appears.

## SOUND FIELD CLEAR MODE

The preset sound field is cleared when this mode is activated. Use this mode before returning the product to clients upon completion of repair.

**Procedure:**

1. While pressing the [MUSIC] button, press the [I/⏻] button to turn on the main power.
2. The message “S. F. Initialize” appears and initialization is performed.

## ALL CLEAR MODE

All preset contents are cleared when this mode is activated. Use this mode before returning the product to clients upon completion of repair.

**Procedure:**

1. While pressing the [INPUT MODE] and [MEMORY/ENTER] buttons, press the [I/⏻] button to turn on the main power.
2. The message “MEMORY CLEARING...” appears and the memories are reset to the default values.
3. When done, the message “MEMORY CLEARED!” appears.

## VOLUME CHECK MODE

**Procedure:**

1. While pressing the [2CH] and [MEMORY/ENTER] buttons, press the [I/⏻] button to turn on the main power.
2. Press the [DISPLAY] button.
3. The message “–oodB” appears. (Volume level is “MIN”)
4. Press the [DISPLAY] button once again.
5. The message “–57.5dB” appears. (Volume level is “MID”)
6. Press the [DISPLAY] button once again.
7. The message “0.0dB” appears. (Volume level is “MAX”)
8. Press the [DISPLAY] button once again.
9. The message “MUTING” appears. (Muting on)
10. Press the [DISPLAY] button once again.
11. The message “MUTING OFF” appears. (Muting off)

## FLUORESCENT INDICATOR TUBE PATTERN CHECK MODE

All fluorescent segments are tested. When this test is activated, all segments turn on at the same time, then each segment turns on one after another.

**Procedure:**

1. While pressing the [DISPLAY] and [MEMORY/ENTER] buttons, press the [I/⏻] button to turn on the main power.
2. All segments and [MULTI CHANNEL DECODING] indicator LED turn on.

## COMMAND MODE CHANGE MODE

The command mode of the remote-commander which this set receives can be changed.

**Procedure:**

1. While pressing the [INPUT MODE] button, press the [I/⏻] button to turn on the main power.
2. Either the message “COMMAND MODE [AV1]” or “COMMAND MODE [AV2]” appears. Select the desired mode.

## SF LOCK ON/OFF CHANGE MODE

**Procedure:**

1. While pressing the [MUSIC] and [MEMORY/CLEAR] buttons, press the [I/⏻] button to turn on the main power.
2. Either the message “SF LOCK [OFF]” or “SF LOCK [ON]” appears.

## SPECIAL MENU MODE

About the special menu mode, refer to SUPPLEMENT-1.

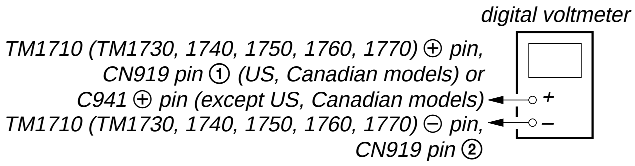
# SECTION 5
# ELECTRICAL ADJUSTMENTS

## DC OFFSET ADJUSTMENT

**Condition:**

| | |
|---|---|
| function: | MULTI CH 2 |
| input signal: | no signal (no load) |
| volume: | 0 dB |

**Connection**



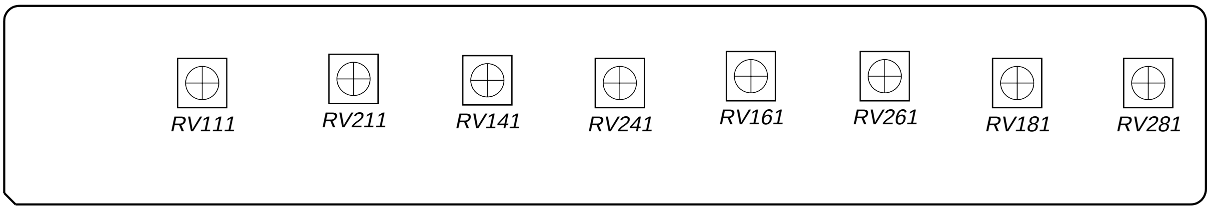

**Procedure:**

1. Connect a digital voltmeter to the TM1710 (TM1730, 1740, 1750, 1760, 1770) on the D-AMP board, CN919 (US, Canadian models) and C941 (except US, Canadian models) on the REG board.
2. Press the [I/⏻] button to turn on the main power.
3. Adjust the RV111 (141, 161, 181, 211, 241, 261, 281) so that the digital voltmeter reading is ±20 mV. (Only adjustment use RV261, digital voltmeter reading is $^{+40}_{-0}$ mV)

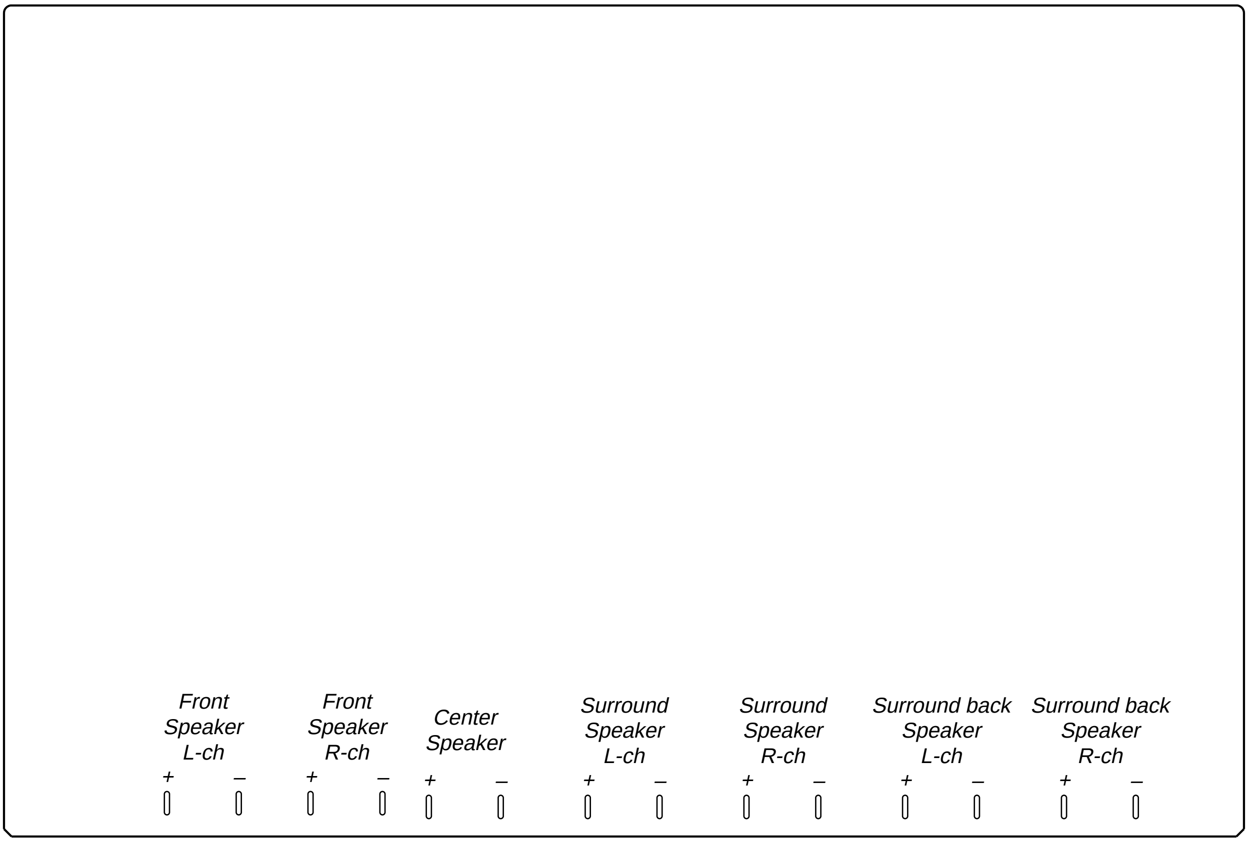
**Adjustment and Connection Location:** see page 16

**Adjustment and Connection Location:**

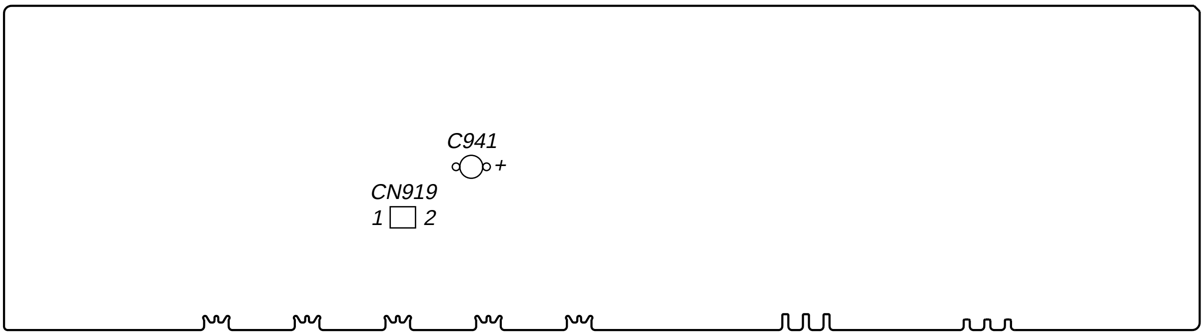
**– ANALOG SUB BOARD (Component Side) –**




**– D-AMP BOARD (Conductor Side) –**

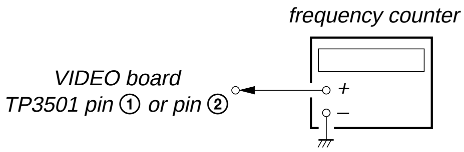



**– REG BOARD (Conductor Side) –**



## OSD ADJUSTMENT

**Connection**

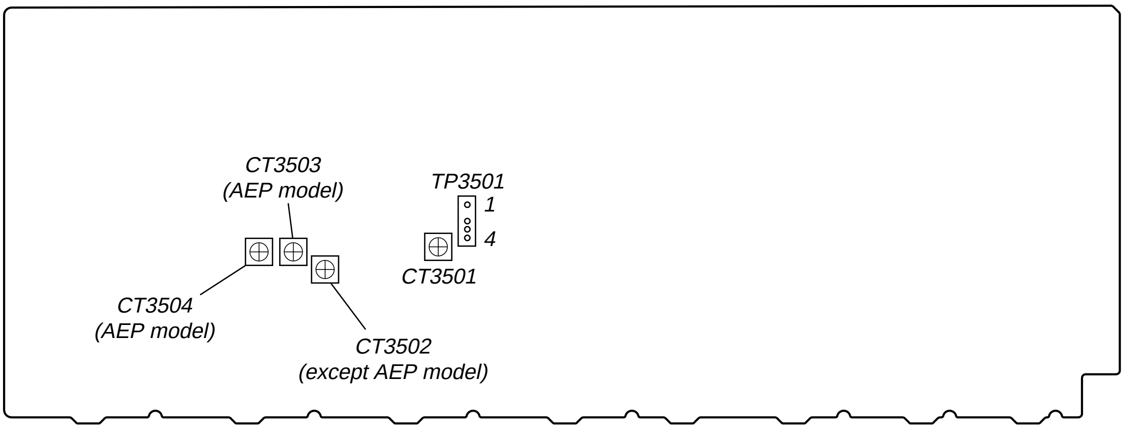



1. Short the TP3501 pin ④ on the VIDEO board to the GND.
2. Connect a frequency counter to the TP3501 pin ② on the VIDEO board.
3. Press the [I/⏻] button to turn on the main power.
4. Press the [ON SCREEN] button on the remote commander.
5. Turn the [MAIN MENU] jog to display "CUSTOMIZE".
6. Turn the [MENU] jog to display "COLOR SYSTEM".
7. Turn the [–/+] jog to display "NTSC".
8. Adjust the CT3502 (except AEP model) or CT3503 (AEP model) so that the frequency counter reading is 3.579545±0.05 MHz.
9. Turn the [MENU] jog to display "COLOR SYSTEM".
10. Turn the [–/+] jog to display "PAL".
11. Press the [ON SCREEN] button on the remote commander.
12. Adjust the CT3504 so that the frequency counter reading is 4.433618±0.05 MHz.
13. Press the [I/⏻] button to turn off the main power.
14. Connect a frequency counter to the CN3501 pin ① on the VIDEO board.
15. Press the [I/⏻] button to turn on the main power.
16. Press the [ON SCREEN] button on the remote commander.
17. Adjust the CT3501 so that the frequency counter reading is 7.20±0.01 MHz.

**Note:** The steps 5 to 7 and 9 to 12 should be performed to AEP model.

**Adjustment and Connection Location:**

**– VIDEO BOARD (Component Side) –**

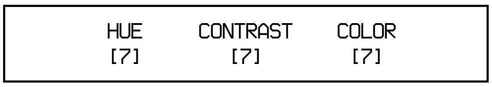


## UP CONVERT SIGNAL LEVEL ADJUSTMENT

### Enter the test mode

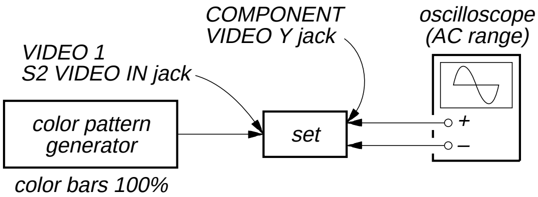
1. In the standby status, press the [I/⏻] button while pressing the [INPUT MODE] and [DISPLAY] buttons.
2. It enters the test mode, and display as below figure.

Display




### 1. Y Level Adjustment

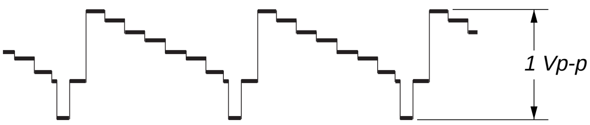
**Setting:**




**Procedure:**

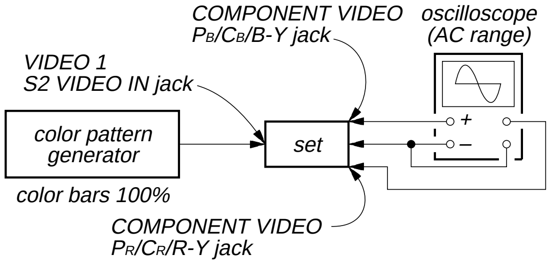
1. Connect a color pattern generator to the VIDEO 1 S2 VIDEO IN jack, and connect an oscilloscope to the COMPONENT VIDEO Y jack.
2. Enter the test mode.
3. Input color bars signal from the color pattern generator.
4. Adjust the [MENU] knob so that the Vp-p value of waveform becomes 1 Vp-p.

Y waveform:




### 2. Color Level Adjustment

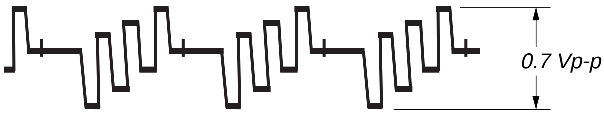
**Setting:**



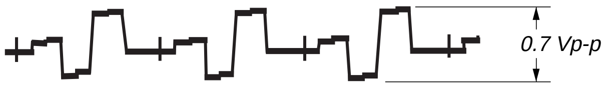

**Procedure:**

1. Connect a color pattern generator to the VIDEO 1 S2 VIDEO IN jack, and connect an oscilloscope to the COMPONENT VIDEO $P_B$/$C_B$/B-Y jack and COMPONENT VIDEO $P_R$/$C_R$/R-Y jack.
2. Enter the test mode.
3. Input color bars signal from the color pattern generator.
4. Display two waveforms of $C_B$ and $C_R$ simultaneously.
5. Adjust the [–/+] knob so that the Vp-p value of waveforms of $C_B$ and $C_R$ both may be most set to 0.7V closely.

$C_B$ waveform:

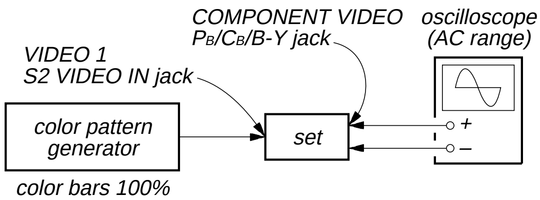



$C_R$ waveform:




### 3. HUE Level Adjustment

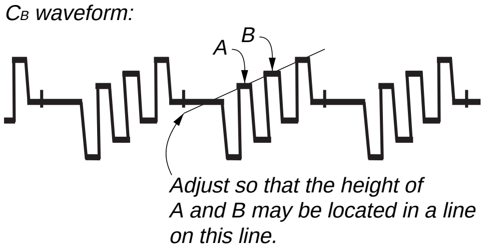
**Setting:**




**Procedure:**

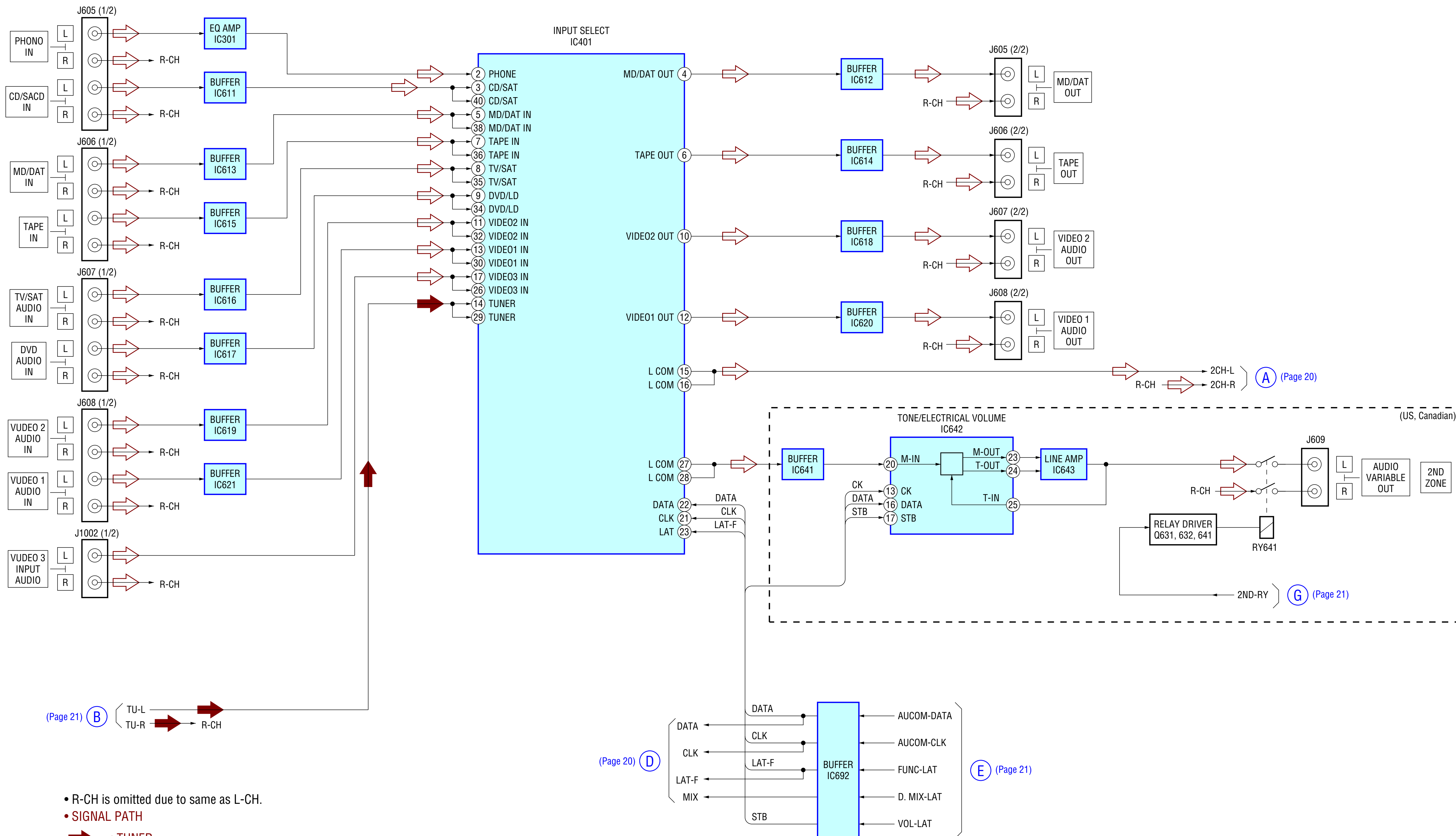
1. Connect a color pattern generator to the VIDEO 1 S2 VIDEO IN jack, and connect an oscilloscope to the COMPONENT VIDEO $P_B$/$C_B$/B-Y jack.
2. Enter the test mode.
3. Input color bars signal from the color pattern generator.
4. Adjust the [MAIN MENU] knob so that the waveform as bellow.

$C_B$ waveform:



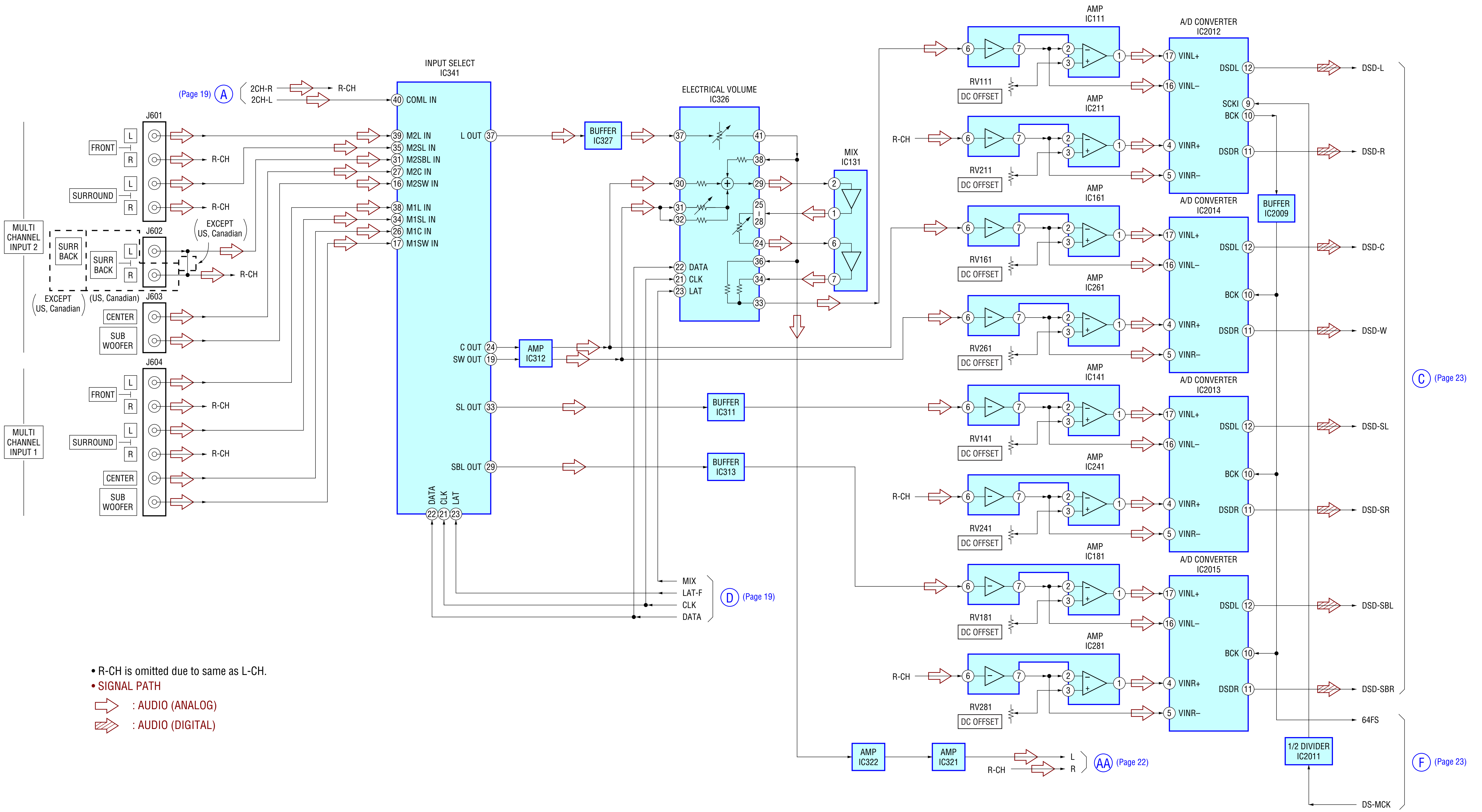
# SECTION 6
# DIAGRAMS

## 6-1. BLOCK DIAGRAM – AUDIO IN Section –



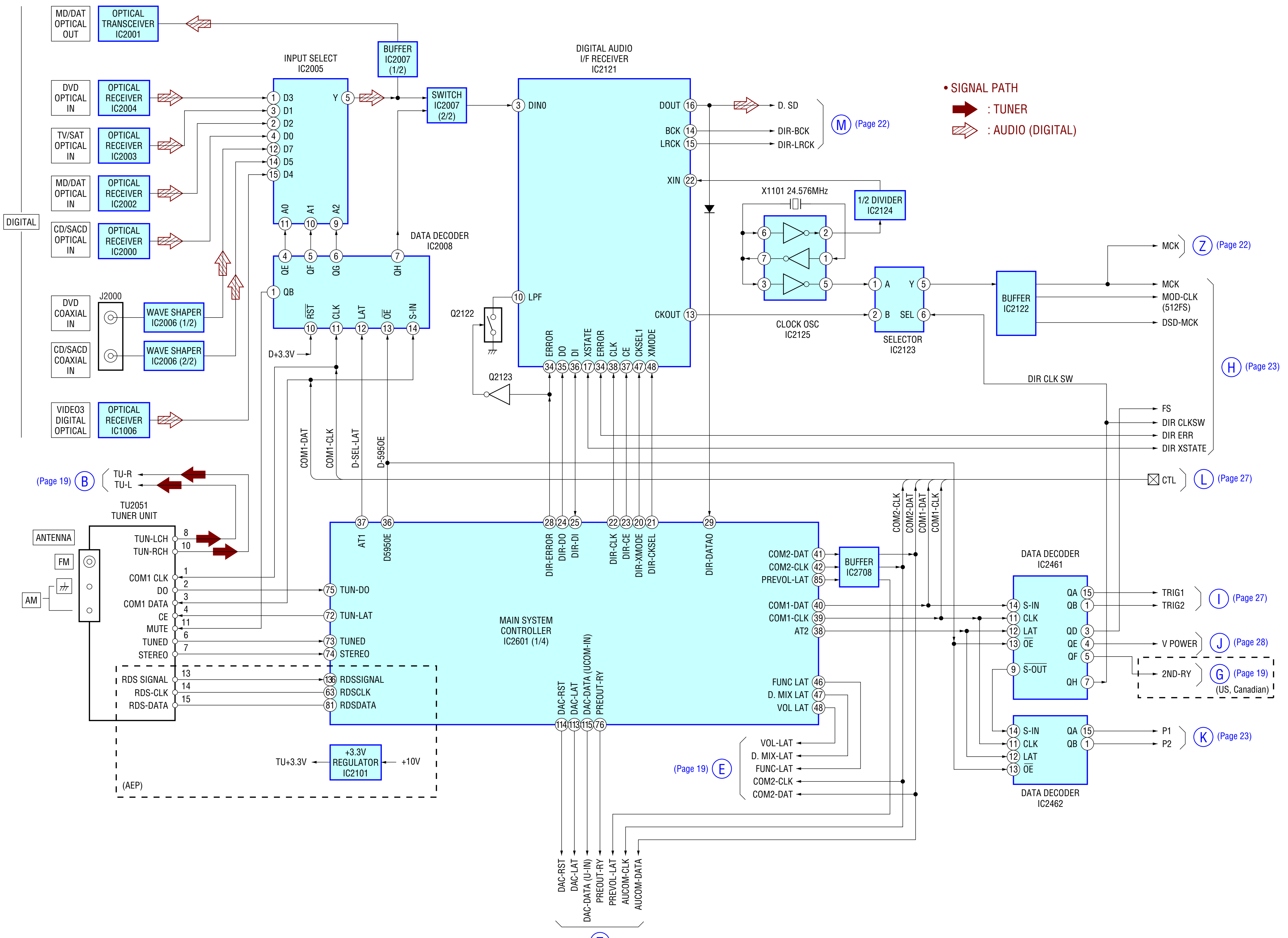

• R-CH is omitted due to same as L-CH.
• SIGNAL PATH
: TUNER
: AUDIO (ANALOG)

## 6-2. BLOCK DIAGRAM – ELECTRICAL VOLUME Section –

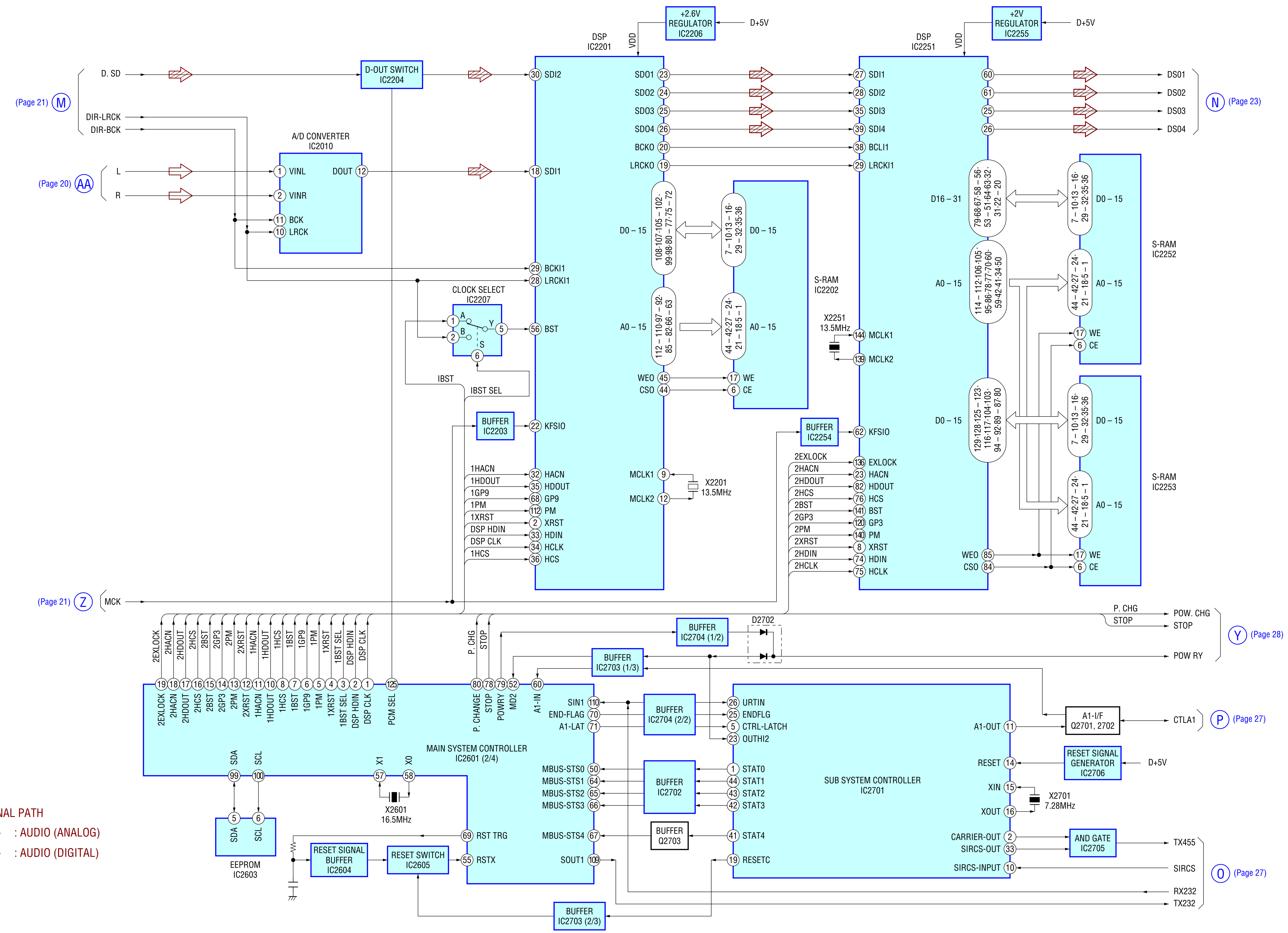



• R-CH is omitted due to same as L-CH.
• SIGNAL PATH
: AUDIO (ANALOG)
: AUDIO (DIGITAL)

## 6-3. BLOCK DIAGRAM – DIGITAL 1 Section –

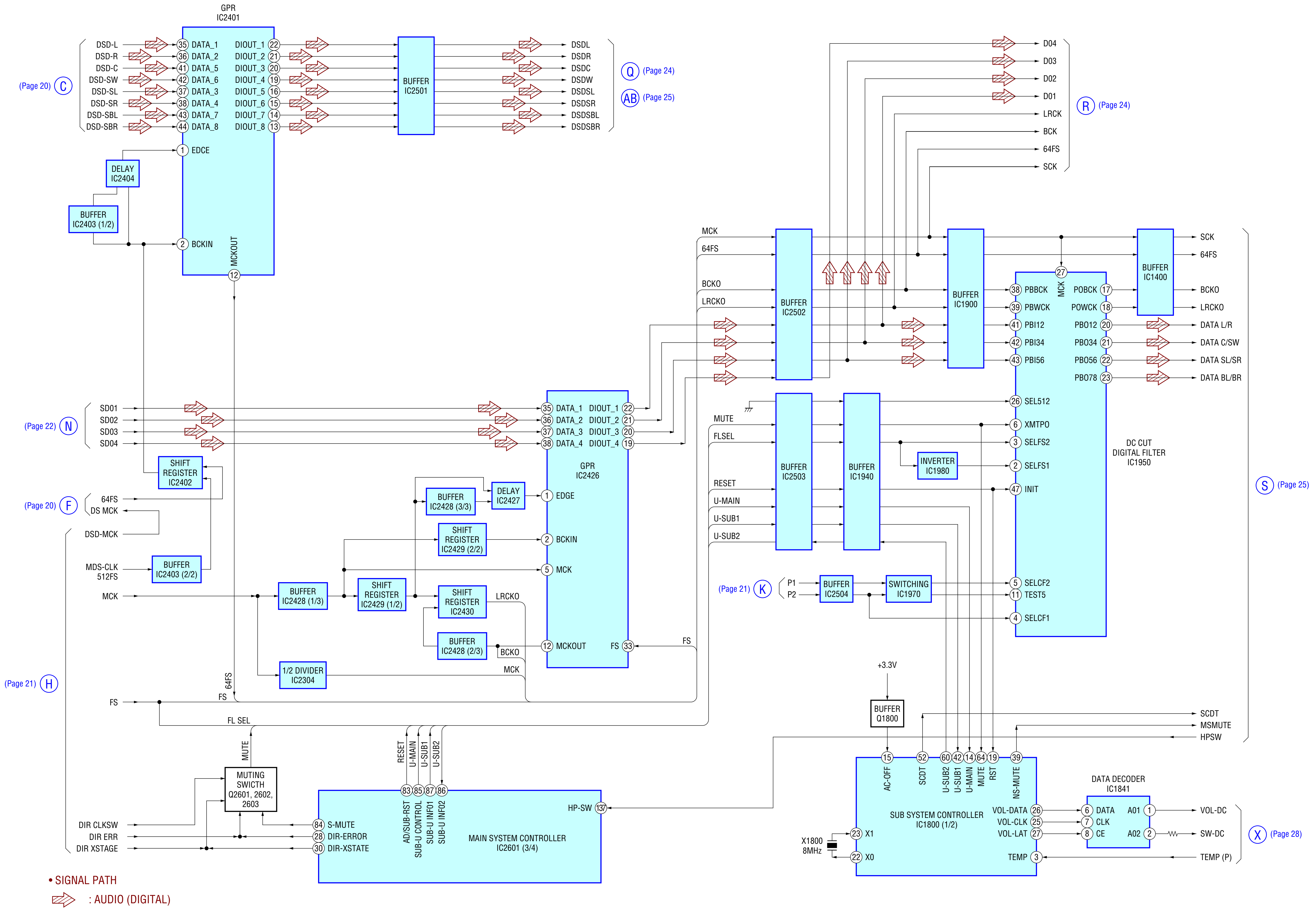


## 6-4. BLOCK DIAGRAM – DIGITAL 2 Section –

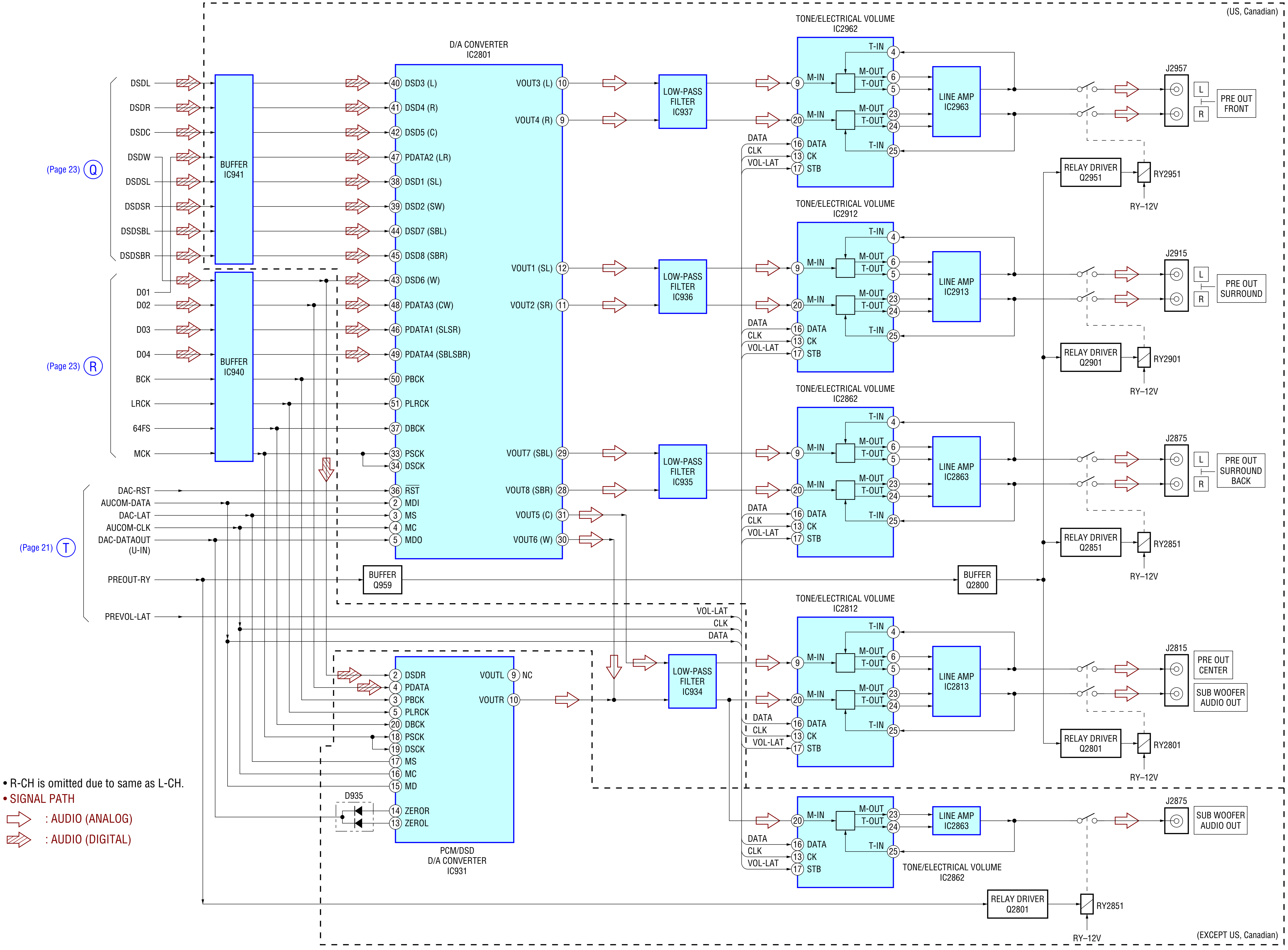



• SIGNAL PATH
: AUDIO (ANALOG)
: AUDIO (DIGITAL)

## 6-5. BLOCK DIAGRAM – DIGITAL 3 Section –

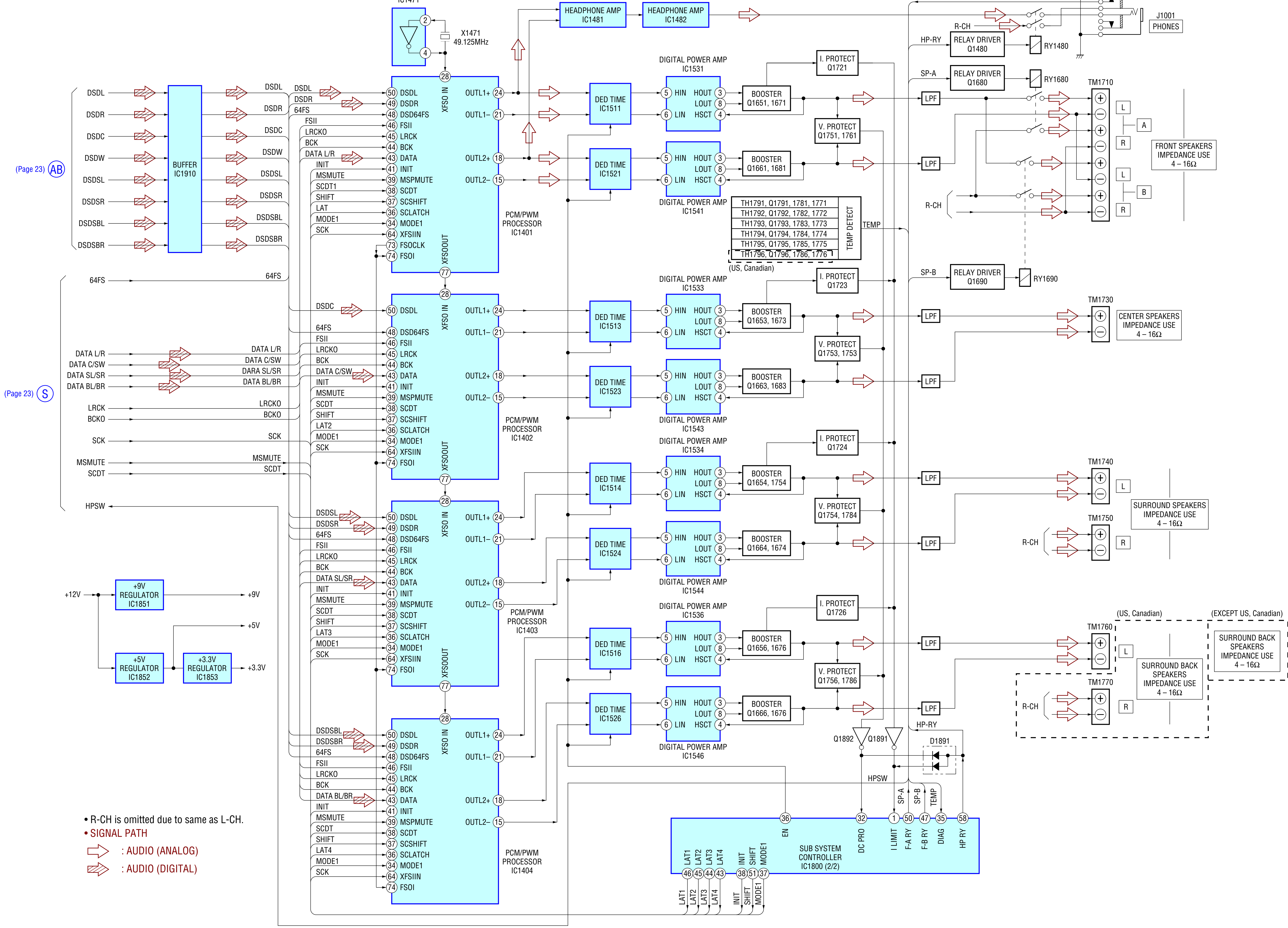


## 6-6. BLOCK DIAGRAM – PRE OUT Section –




• R-CH is omitted due to same as L-CH.
• SIGNAL PATH
: AUDIO (ANALOG)
: AUDIO (DIGITAL)

## 6-7. BLOCK DIAGRAM – POWER AMP Section –



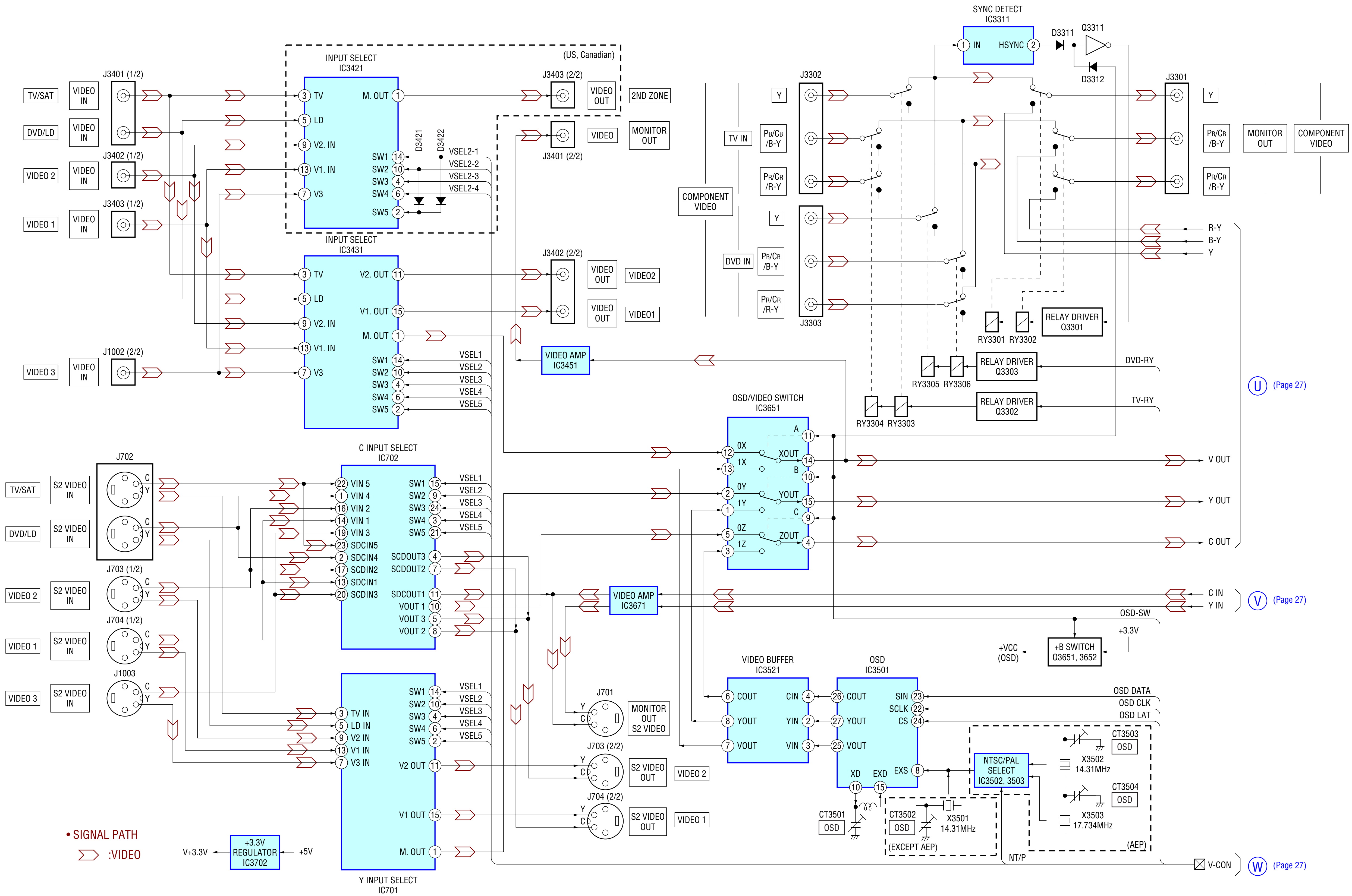

• R-CH is omitted due to same as L-CH.

• SIGNAL PATH

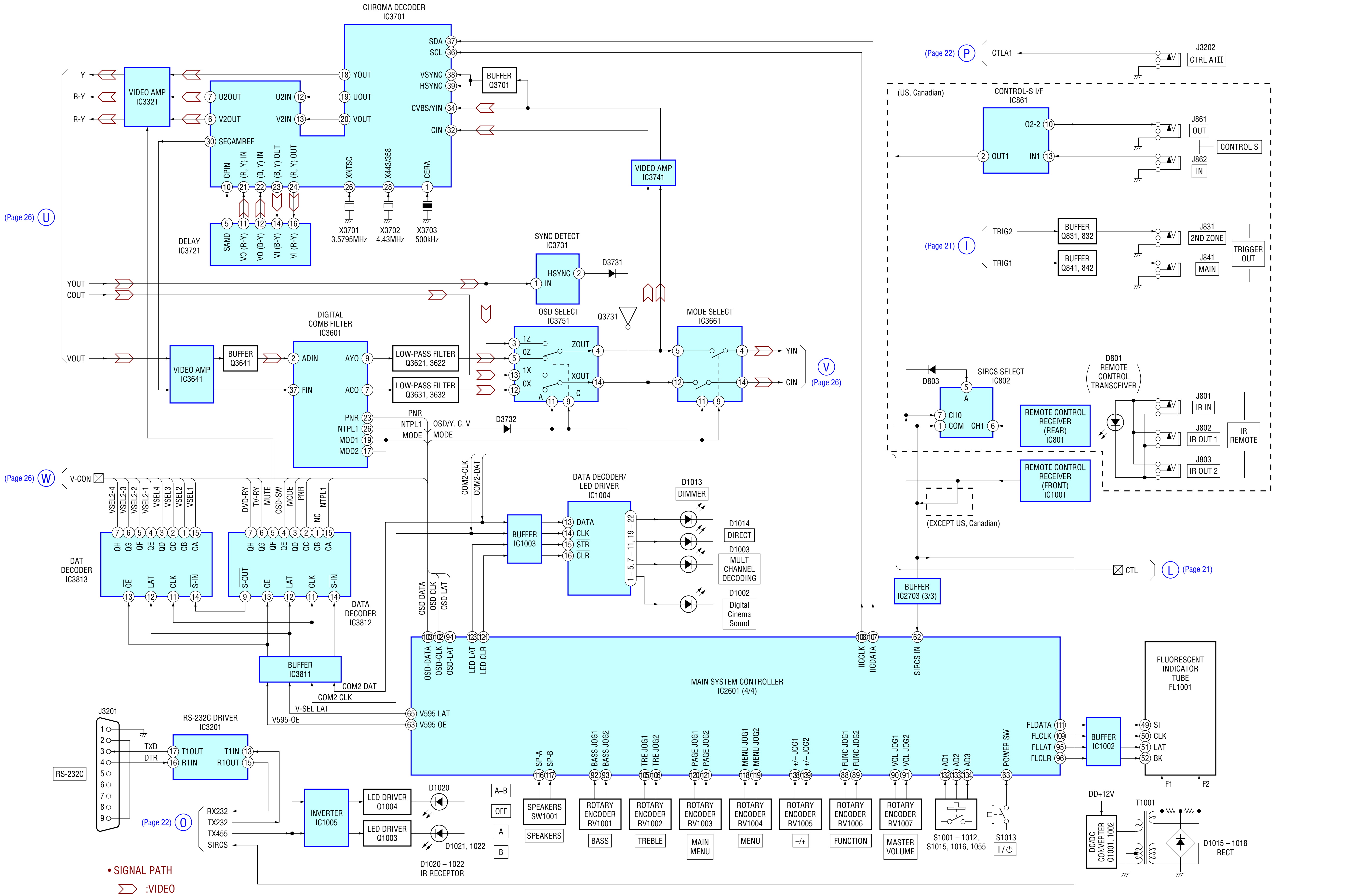
: AUDIO (ANALOG)

: AUDIO (DIGITAL)

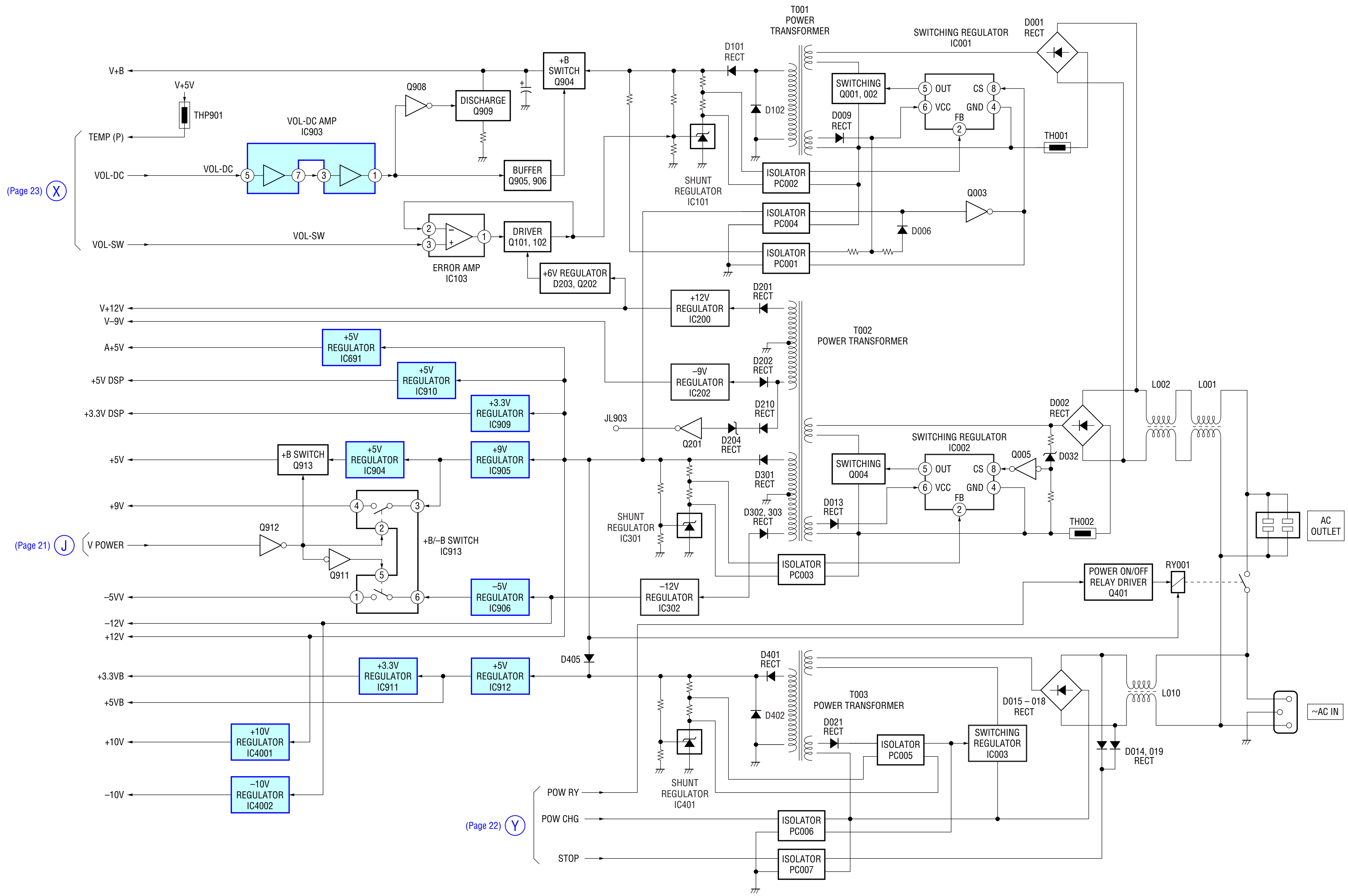
## 6-8. BLOCK DIAGRAM – VIDEO IN Section –



6-9. BLOCK DIAGRAM – CIS/DISPLAY Section –



## 6-10. BLOCK DIAGRAM – POWER SUPPLY Section –



## 6-11. NOTE FOR PRINTED WIRING BOARDS AND SCHEMATIC DIAGRAMS

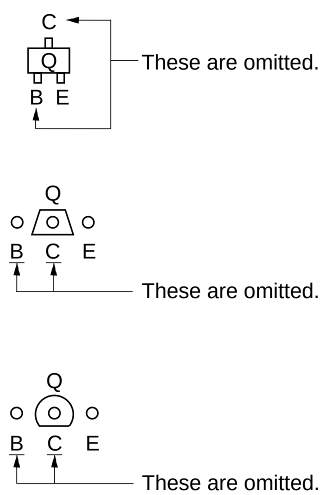
**Note on Printed Wiring Board:**

- : parts extracted from the component side.
- : parts extracted from the conductor side.
- : Through hole.
- : internal component.
- : Pattern from the side which enables seeing.

(The other layers' patterns are not indicated.)

| Caution: | |
|---|---|
| Pattern face side: (Conductor Side) | Parts on the pattern face side seen from the pattern face are indicated. |
| Parts face side: (Component Side) | Parts on the parts face side seen from the parts face are indicated. |

- Indication of transistor




- ANALOG SUB, DIGITAL, D-AMP and REG boards are multi-layer printed board.
  However, the patterns of intermediate layers have not been included in this diagrams.

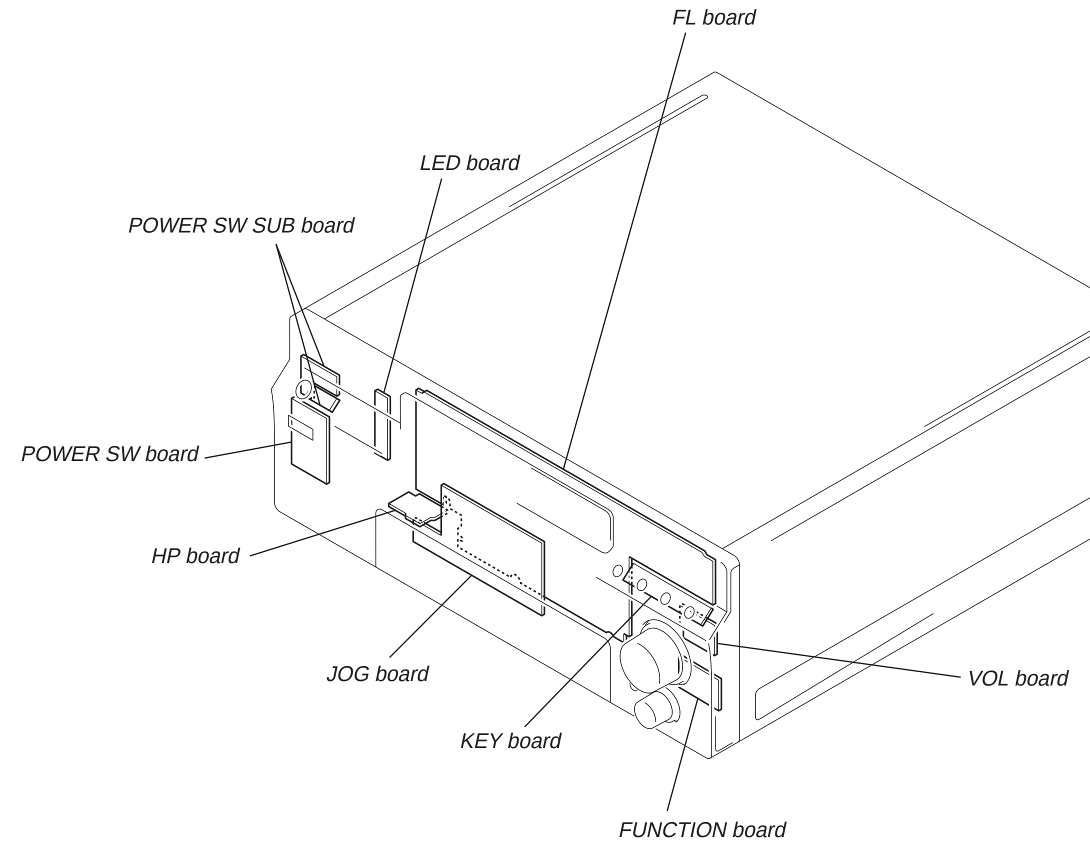
**Note on Schematic Diagram:**

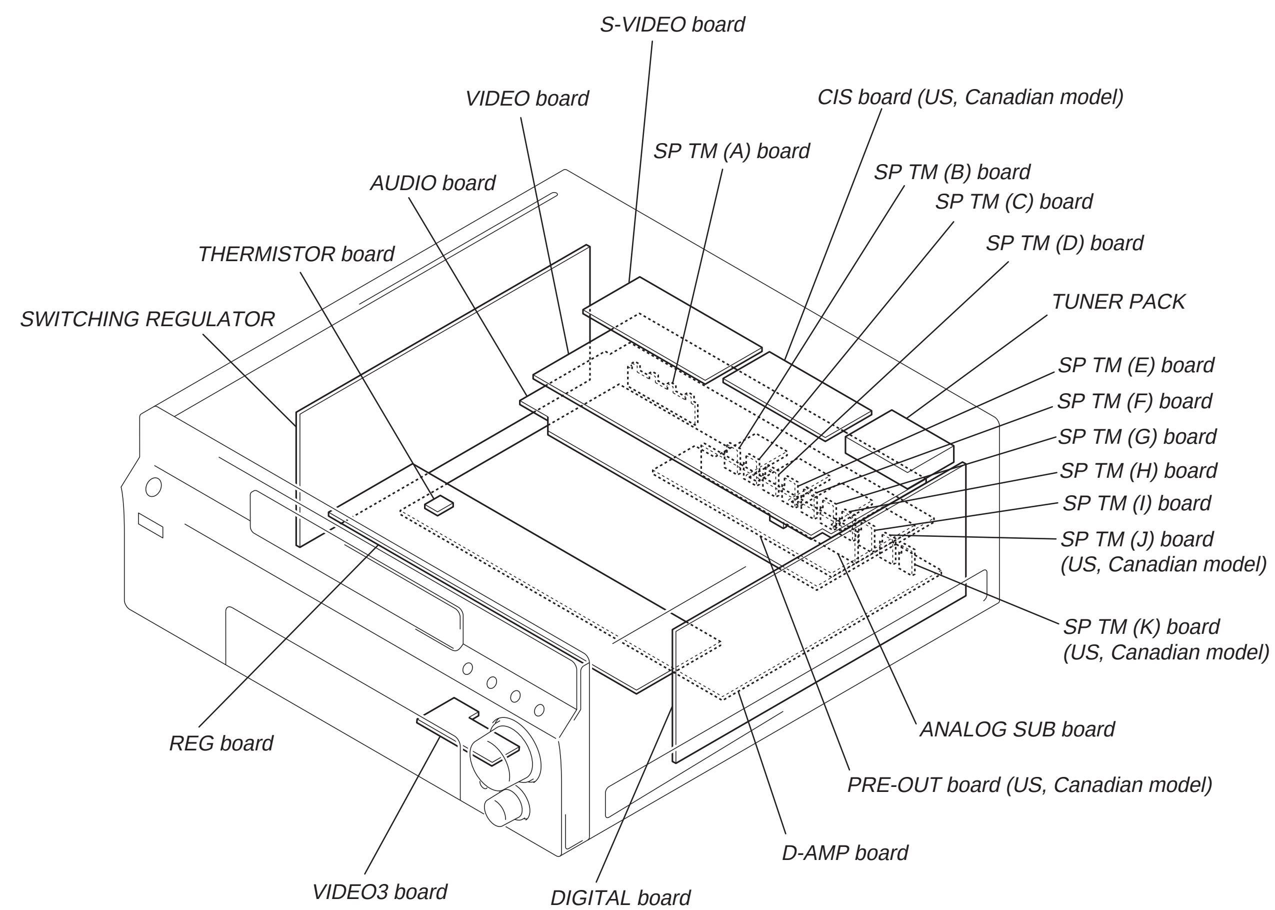
- All capacitors are in μF unless otherwise noted. pF: μμF 50 WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and $^{1}/_{4}$ W or less unless otherwise specified.
- : internal component.
- : nonflammable resistor.
- : panel designation.

| Note: | Note: |
|---|---|
| The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified. | Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié. |

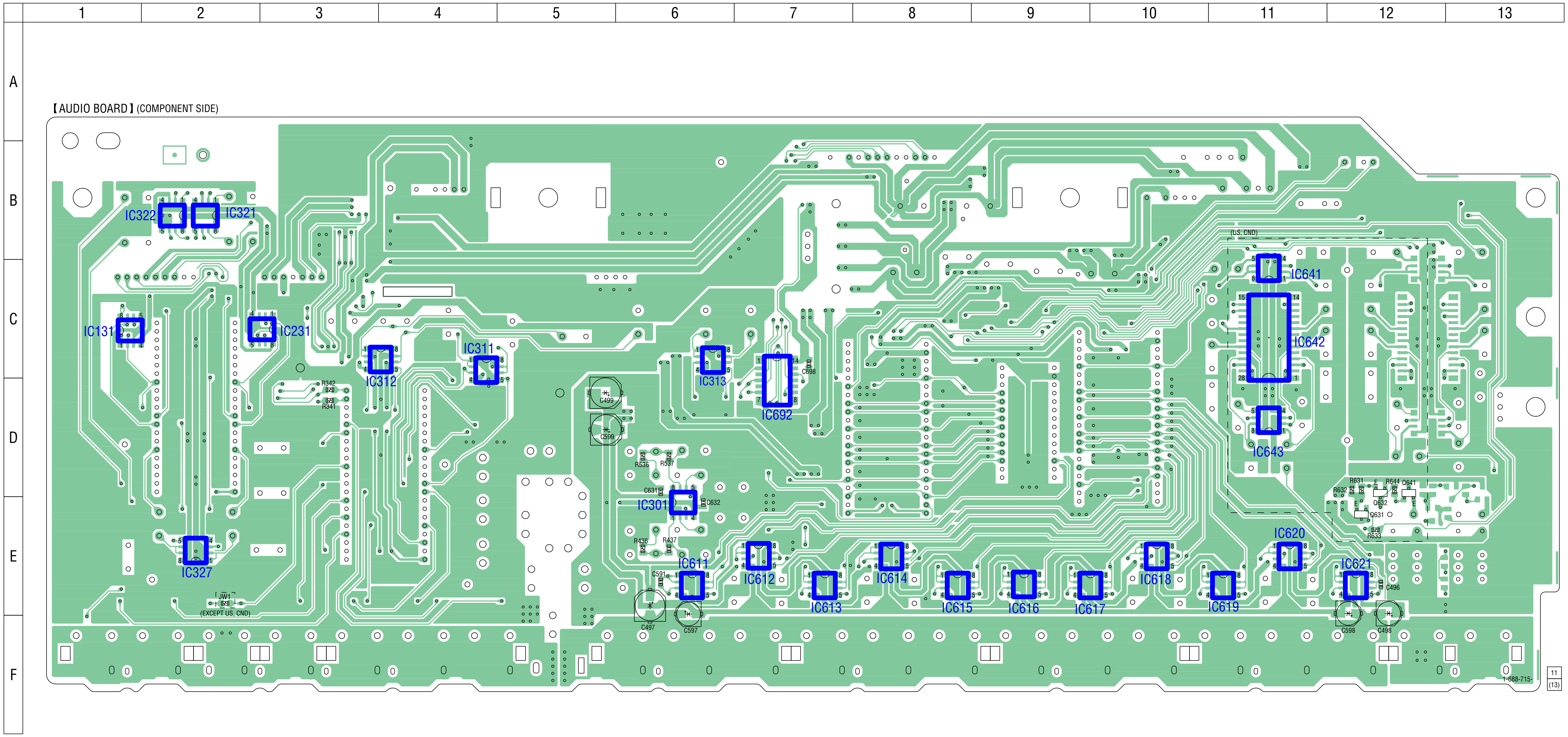
- : B+ Line.
- : B– Line.
- : adjustment for repair.
- Voltages and waveforms are dc with respect to ground under no-signal (detuned) conditions.
  – VIDEO, S-VIDEO boards –
  no mark : VIDEO 1 mode (NTSC color bar input)
  – Other boards –
  no mark : TUNER
- Voltages are taken with a VOM (Input impedance 10 MΩ). Voltage variations may be noted due to normal production tolerances.
- Waveforms are taken with a oscilloscope. Voltage variations may be noted due to normal production tolerances.
- Circled numbers refer to waveforms.
- Signal path.
  : TUNER
  : AUDIO (ANALOG)
  : AUDIO (DIGITAL)
  : VIDEO
- Abbreviation
  CND : Canadian model
  KR : Korean model
  TW : Taiwan model

- **Circuit Boards Location**



**6-12. PRINTED WIRING BOARD – AUDIO Board (Component Side) –** • See page 29 for Circuit Boards Location. :Uses unleaded solder.

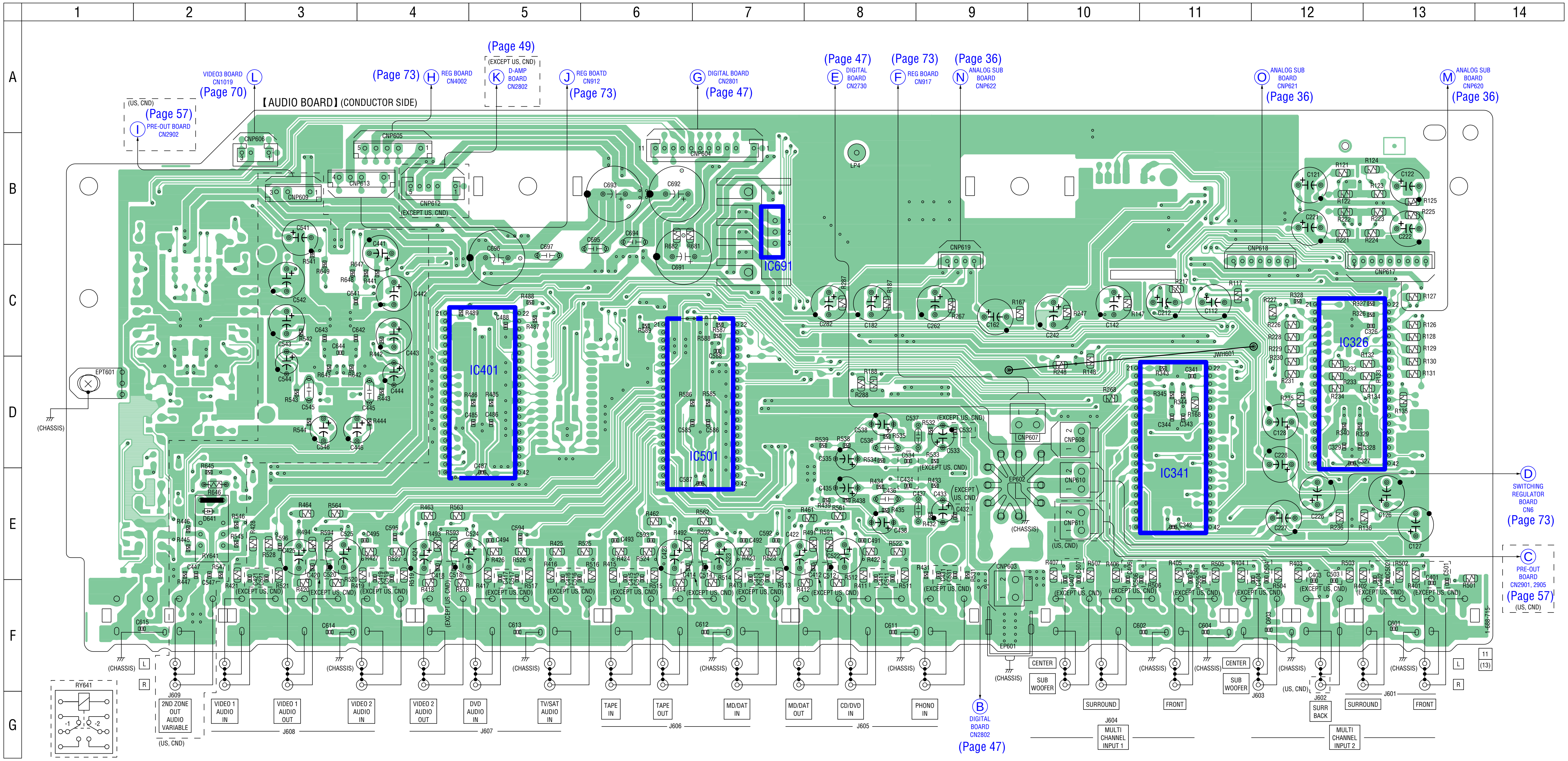



• **Semiconductor Location**

| Ref. No. | Location | Ref. No. | Location |
|---|---|---|---|
| IC131 | A-1 | IC616 | E-9 |
| IC231 | C-3 | IC617 | E-10 |
| IC301 | E-6 | IC618 | E-10 |
| IC311 | C-4 | IC619 | E-11 |
| IC312 | C-4 | IC620 | E-11 |
| IC313 | C-6 | IC621 | E-12 |
| IC321 | B-2 | IC641 | C-11 |
| IC322 | B-2 | IC642 | C-11 |
| IC327 | E-2 | IC643 | D-11 |
| IC611 | E-6 | IC692 | D-7 |
| IC612 | E-7 | | |
| IC613 | E-7 | Q631 | D-12 |
| IC614 | E-8 | Q632 | D-12 |
| IC615 | E-8 | Q641 | D-12 |

## 6-13. PRINTED WIRING BOARD – AUDIO Board (Conductor Side) –

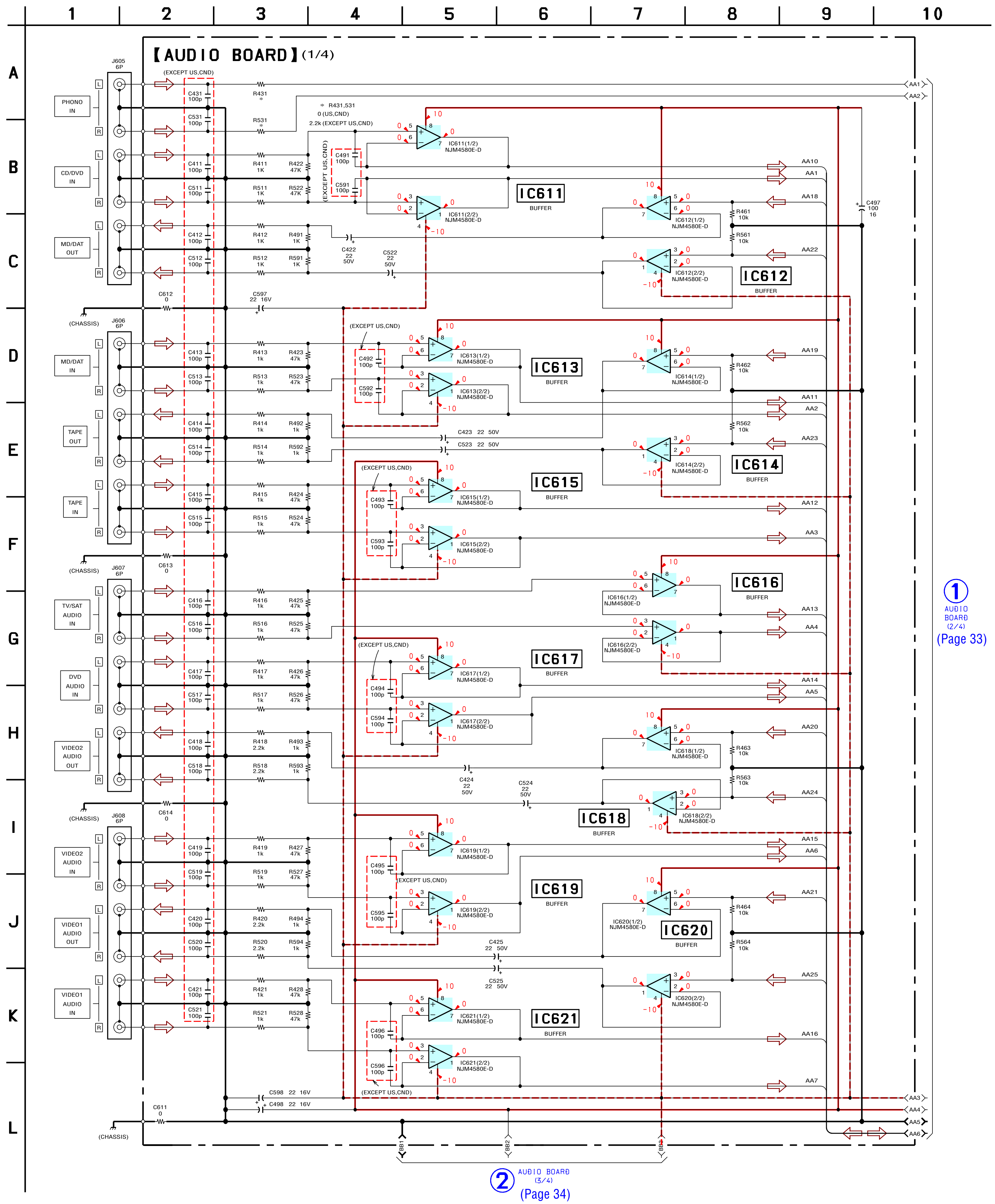
• See page 29 for Circuit Boards Location. :Uses unleaded solder.



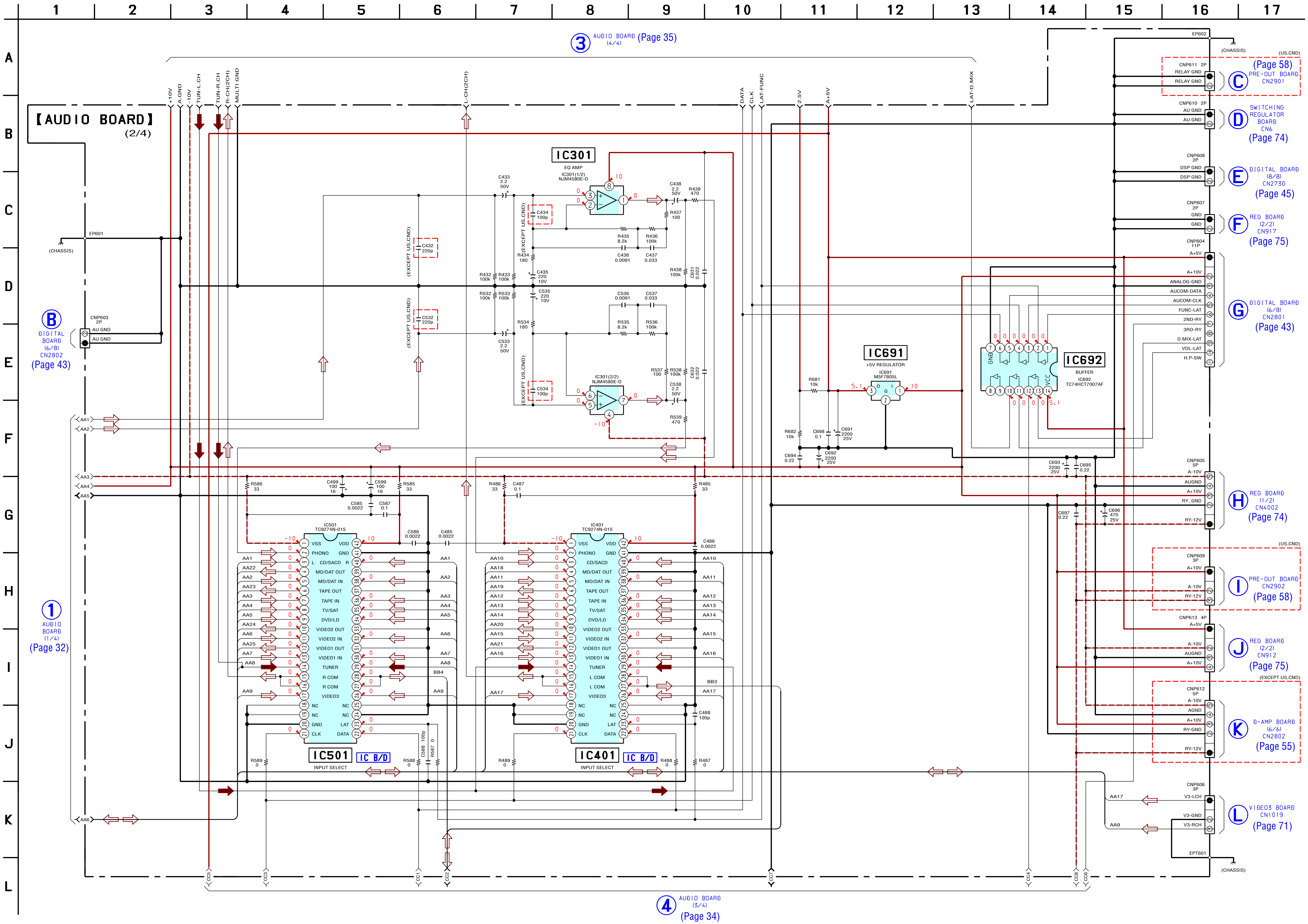

- **Semiconductor Location**

| Ref. No. | Location |
|---|---|
| D641 | E-2 |
| IC326 | D-12 |
| IC341 | D-11 |
| IC401 | D-5 |
| IC501 | D-7 |
| IC691 | B-7 |

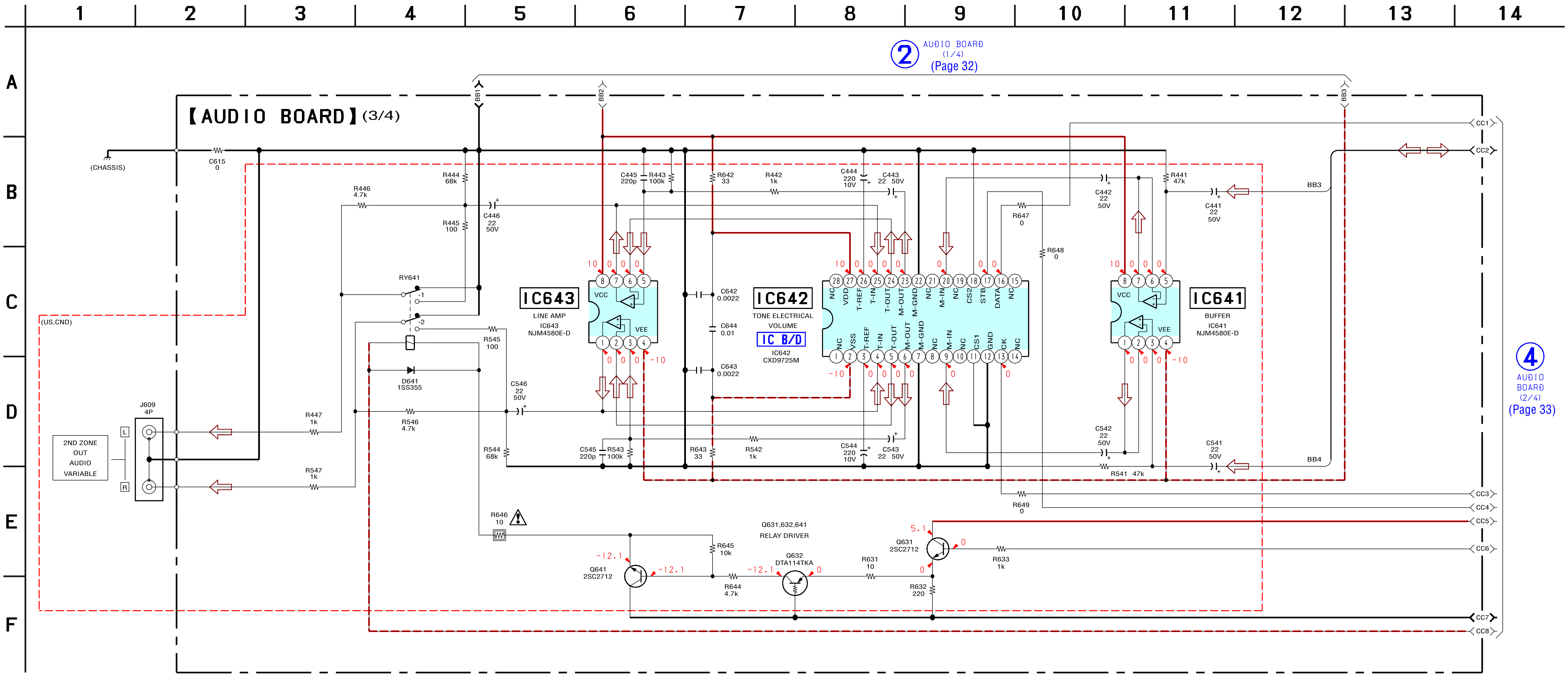
## 6-14. SCHEMATIC DIAGRAM – AUDIO Board (1/4) –



6-15. SCHEMATIC DIAGRAM – AUDIO Board (2/4) – • See page 77 for IC Block Diagrams.

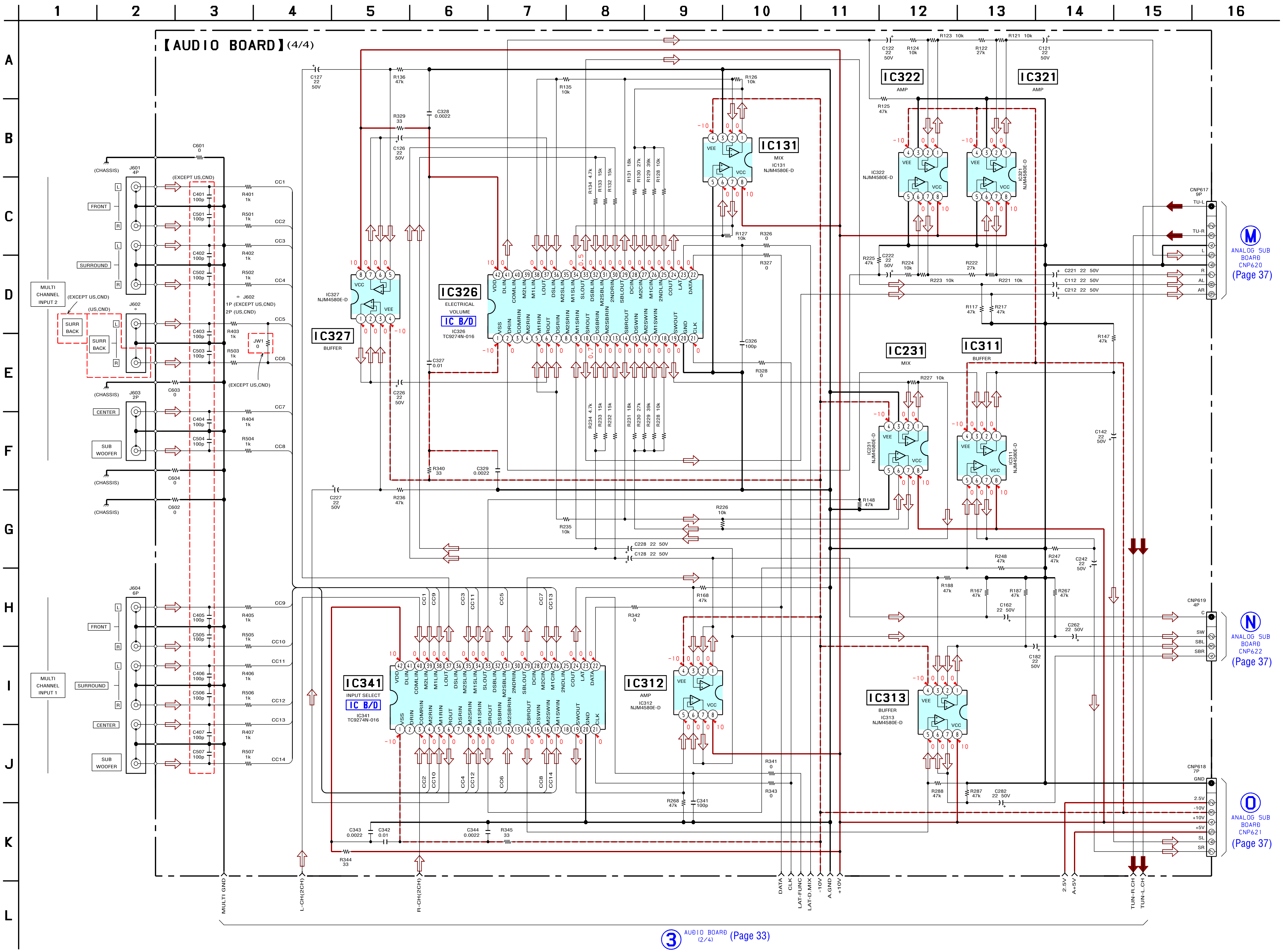


## 6-16. SCHEMATIC DIAGRAM – AUDIO Board (3/4) – • See page 77 for IC Block Diagram.



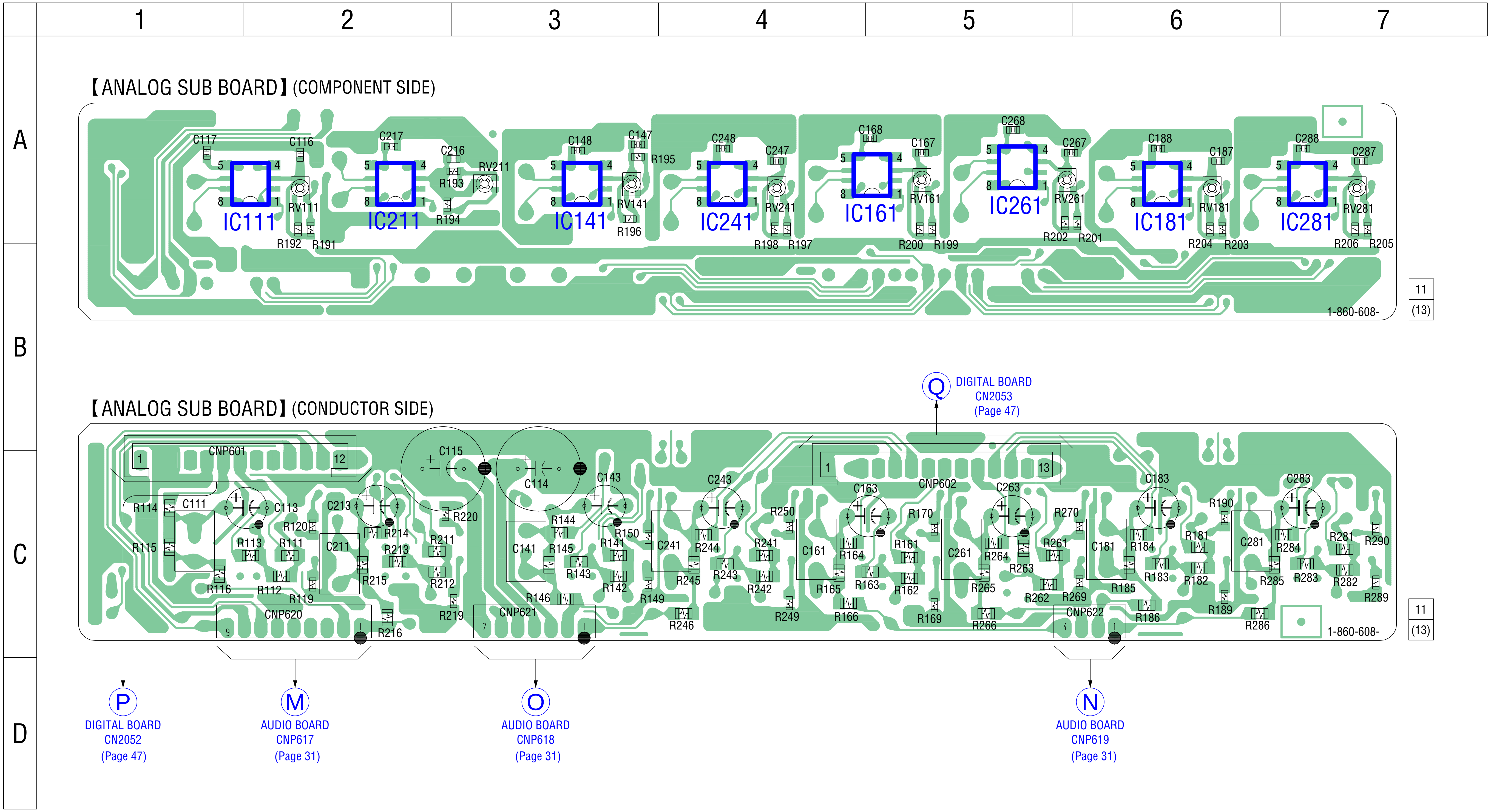

| | |
|---|---|
| The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified. | Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié. |

## 6-17. SCHEMATIC DIAGRAM – AUDIO Board (4/4) – • See page 77 for IC Block Diagrams.



## 6-18. PRINTED WIRING BOARD – ANALOG SUB Board –

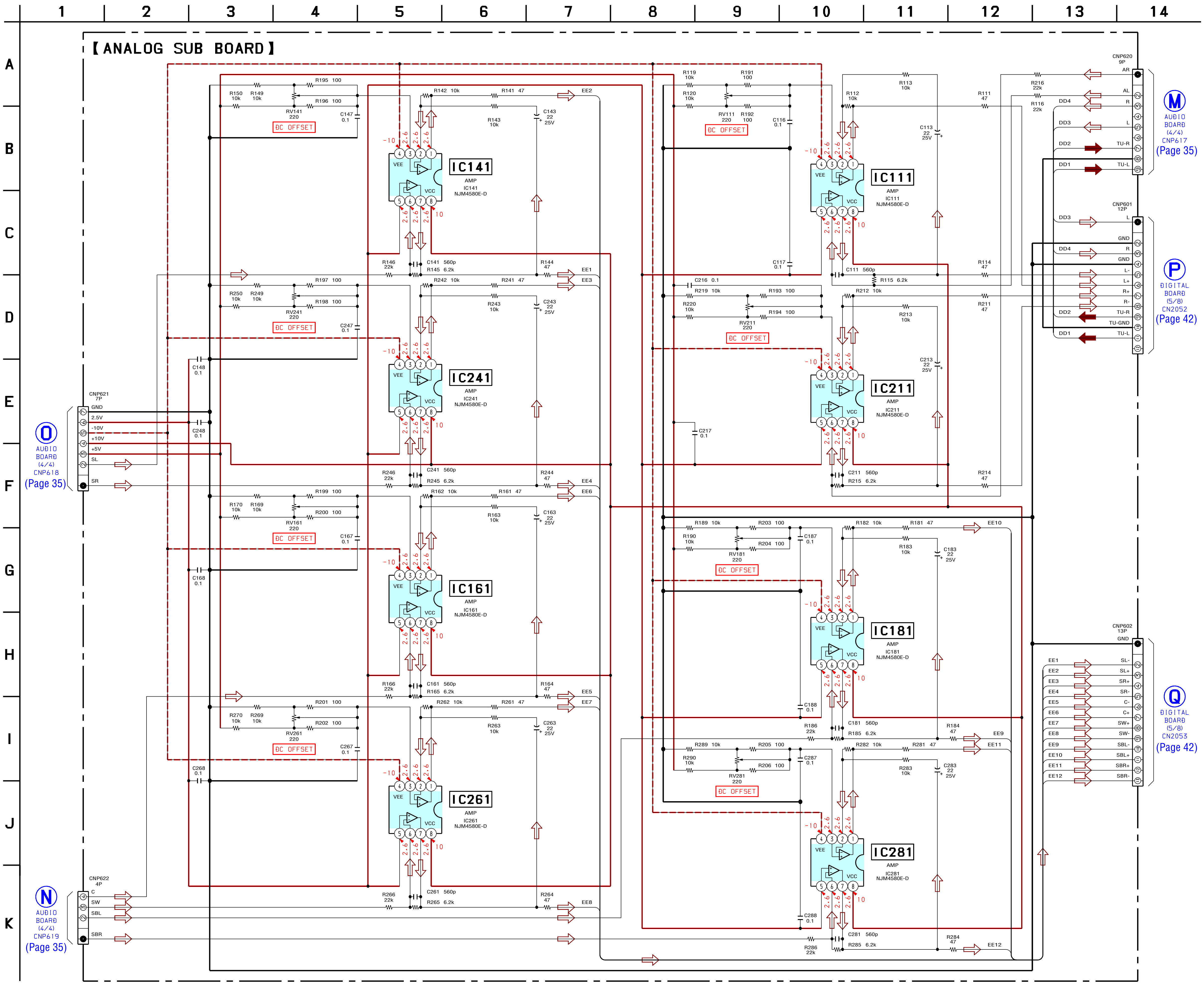
• See page 29 for Circuit Boards Location. :Uses unleaded solder.



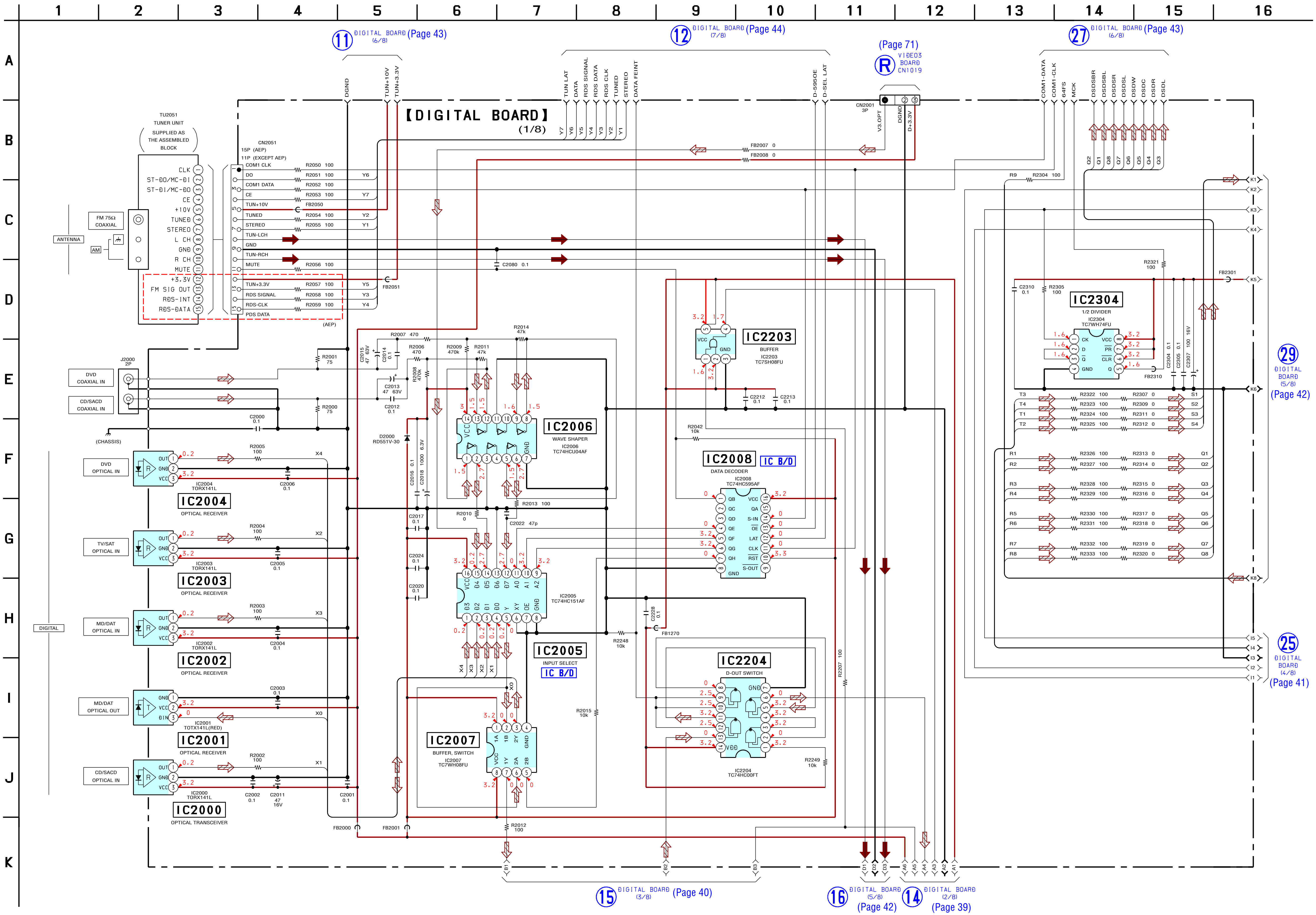

• **Semiconductor Location**

| Ref. No. | Location |
|---|---|
| IC111 | A-1 |
| IC141 | A-3 |
| IC161 | A-5 |
| IC181 | A-6 |
| IC211 | A-2 |
| IC241 | A-4 |
| IC261 | A-5 |
| IC281 | A-7 |

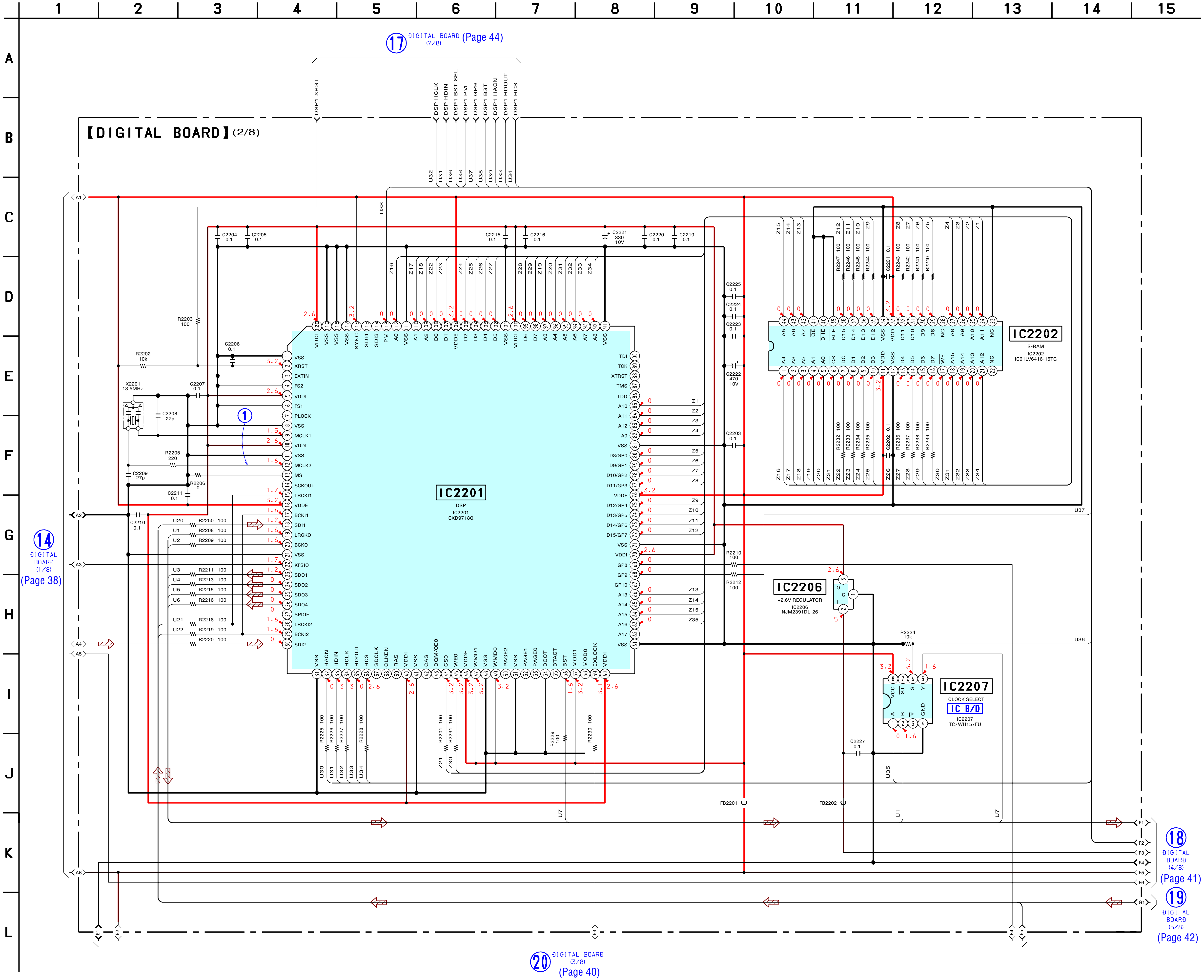
## 6-19. SCHEMATIC DIAGRAM – ANALOG SUB Board –



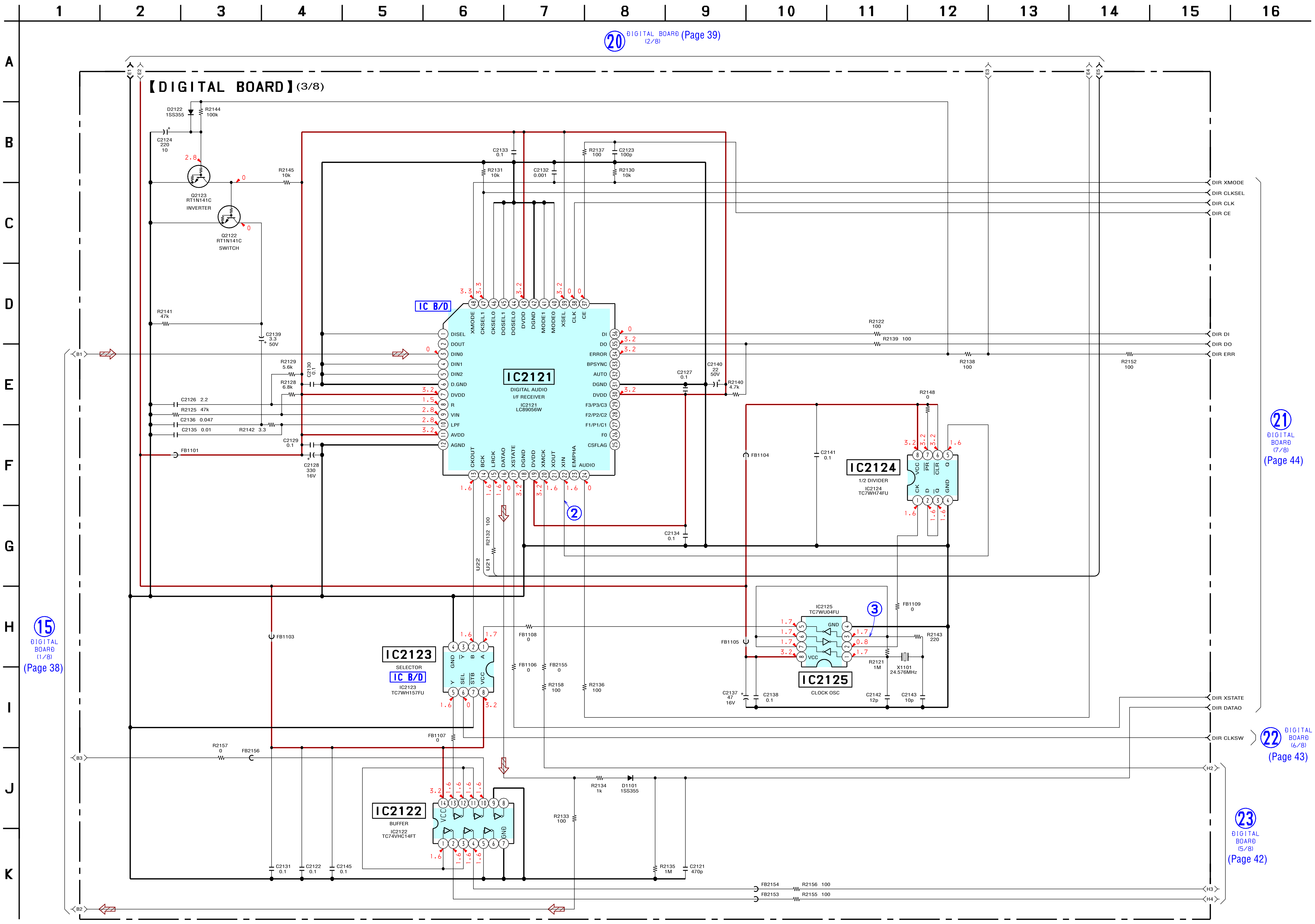
6-20. SCHEMATIC DIAGRAM – DIGITAL Board (1/8) – • See page 77 for IC Block Diagrams.



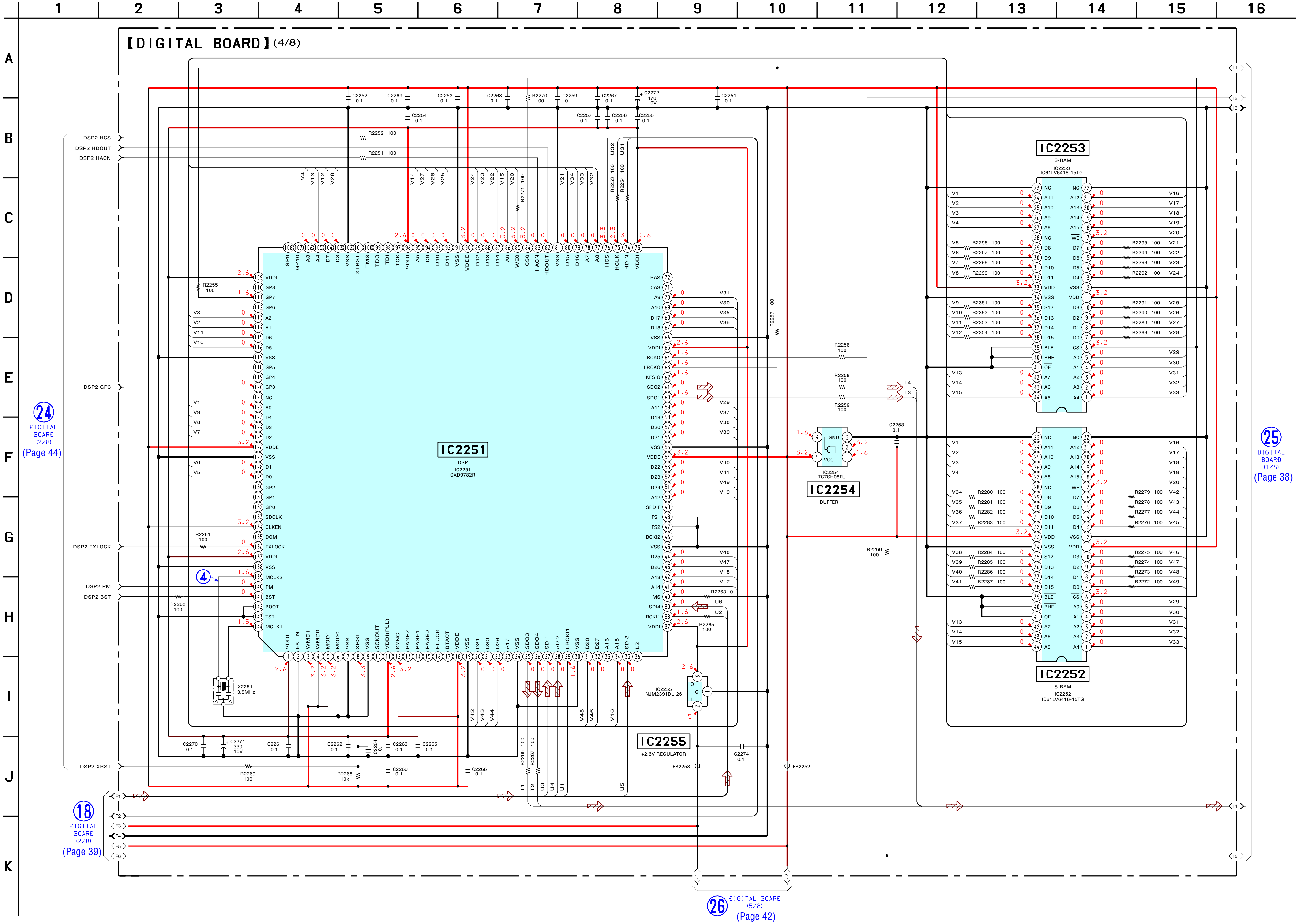
6-21. SCHEMATIC DIAGRAM – DIGITAL Board (2/8) – • See page 76 for Waveform. • See page 77 for IC Block Diagram.



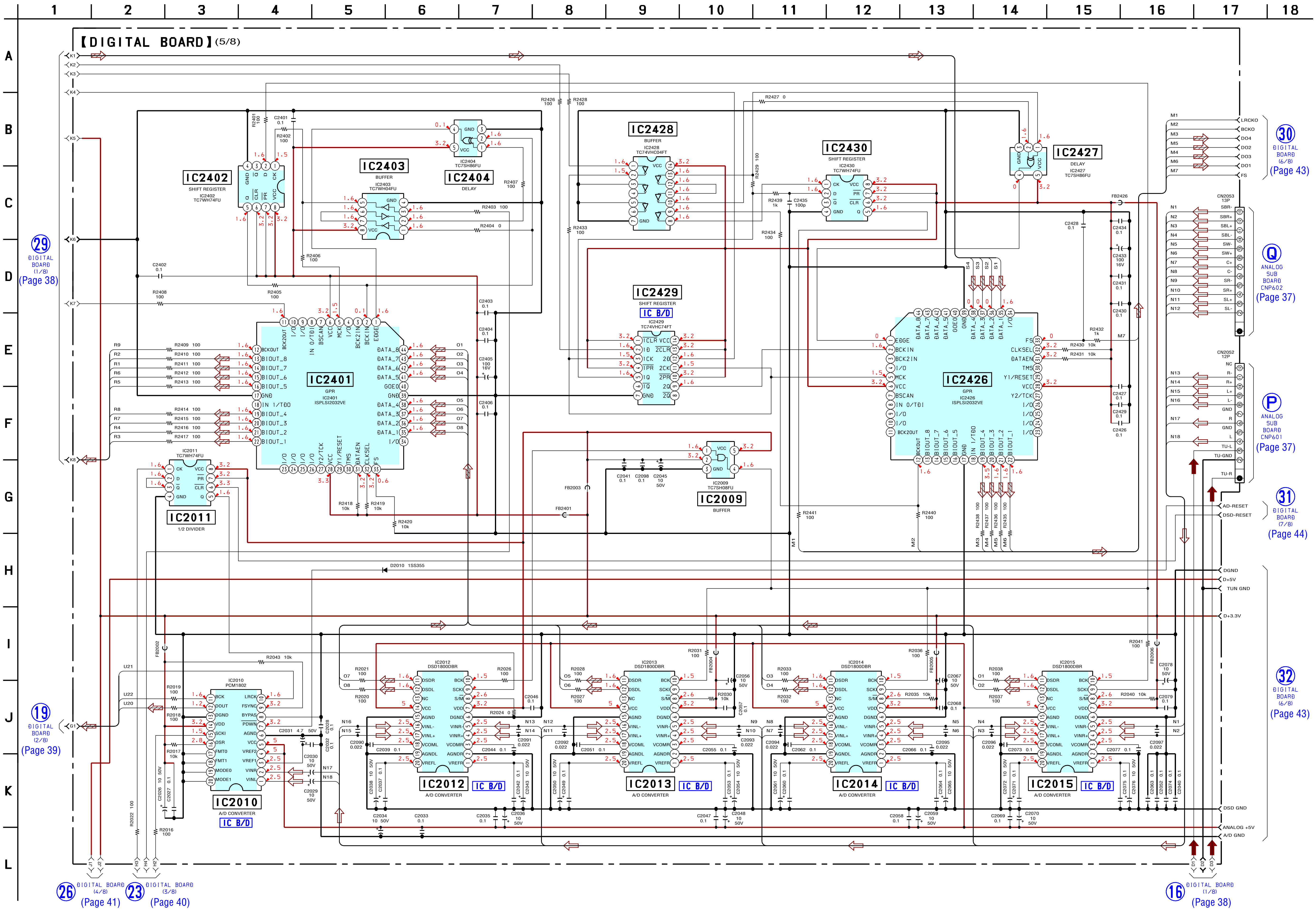
6-22. SCHEMATIC DIAGRAM – DIGITAL Board (3/8) – • See page 76 for Waveforms. • See page 77 for IC Block Diagrams.



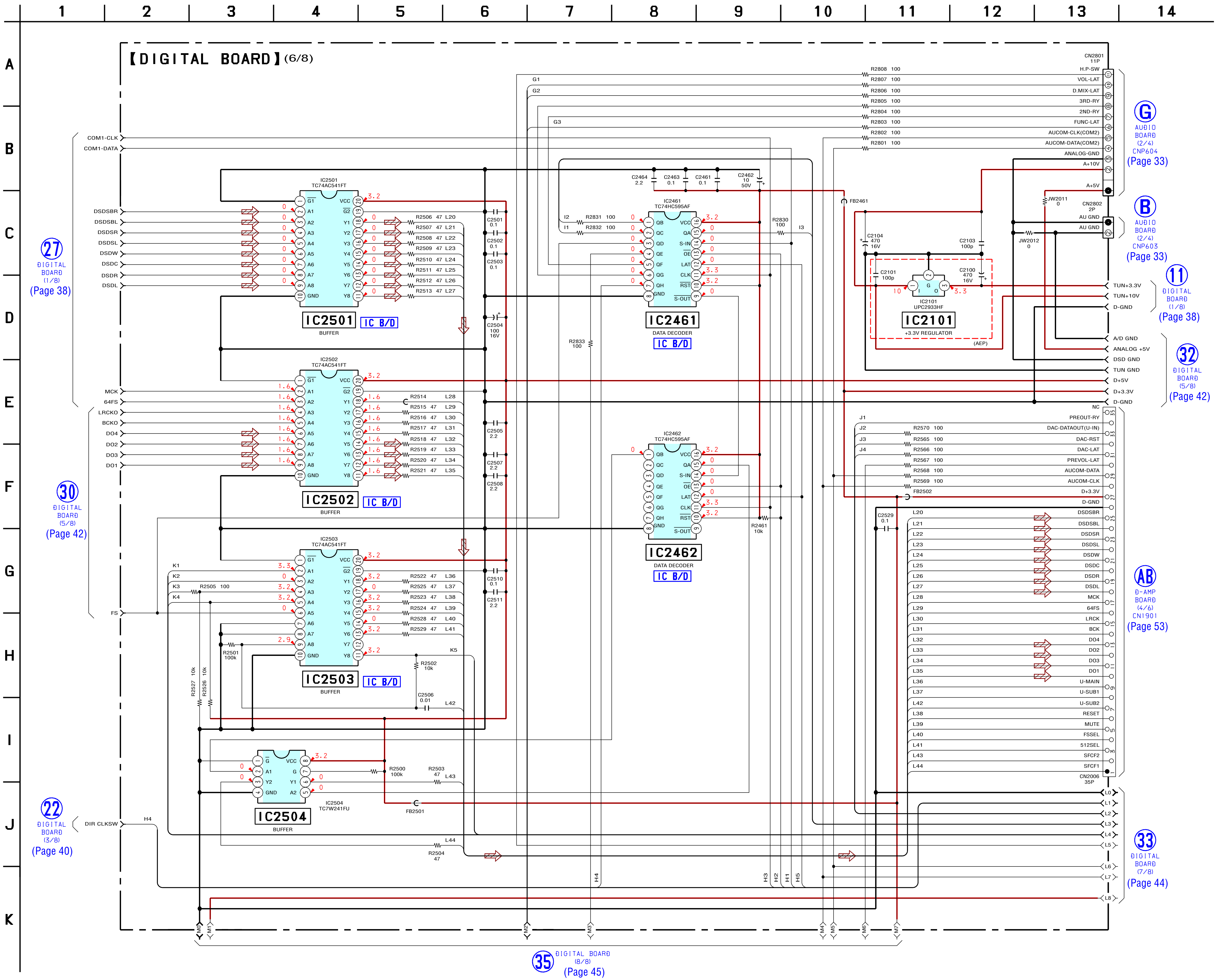
6-23. SCHEMATIC DIAGRAM – DIGITAL Board (4/8) – • See page 76 for Waveform.



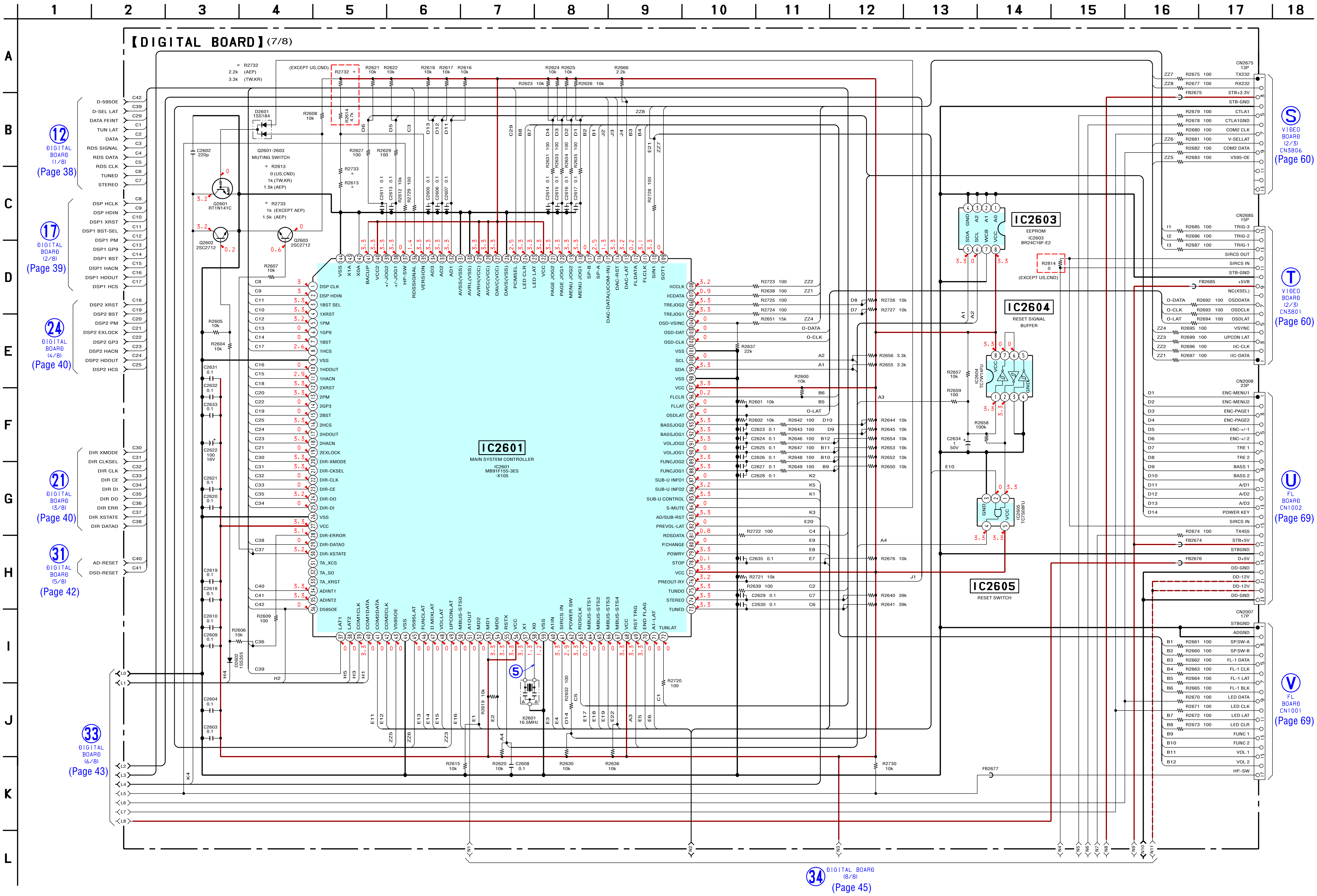
## 6-24. SCHEMATIC DIAGRAM – DIGITAL Board (5/8) – • See page 77 for IC Block Diagrams.



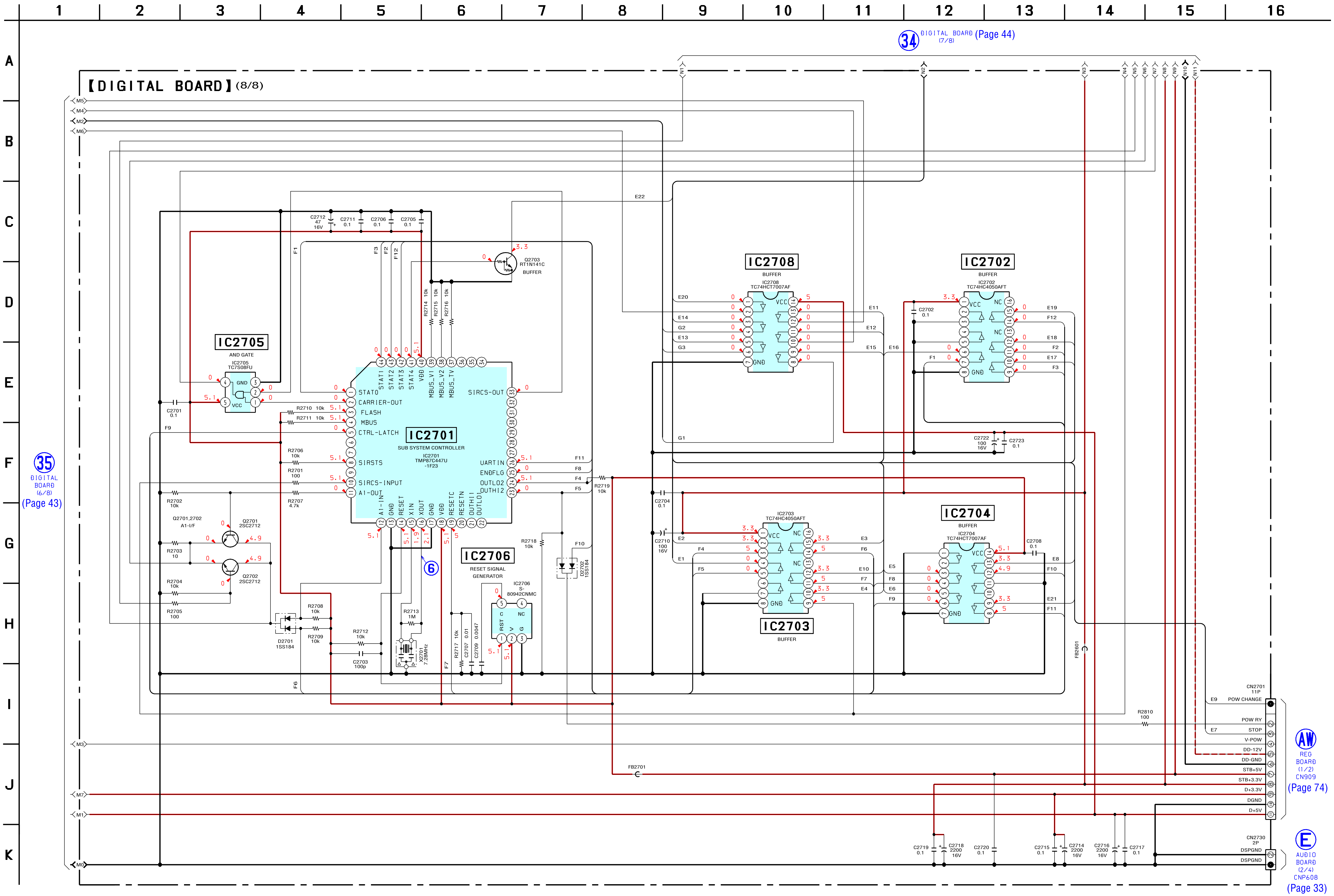
6-25. SCHEMATIC DIAGRAM – DIGITAL Board (6/8) – • See page 77 for IC Block Diagrams.



## 6-26. SCHEMATIC DIAGRAM – DIGITAL Board (7/8) – • See page 76 for Waveform.



6-27. SCHEMATIC DIAGRAM – DIGITAL Board (8/8) – • See page 76 for Waveform. • See page 77 for IC Block Diagram.

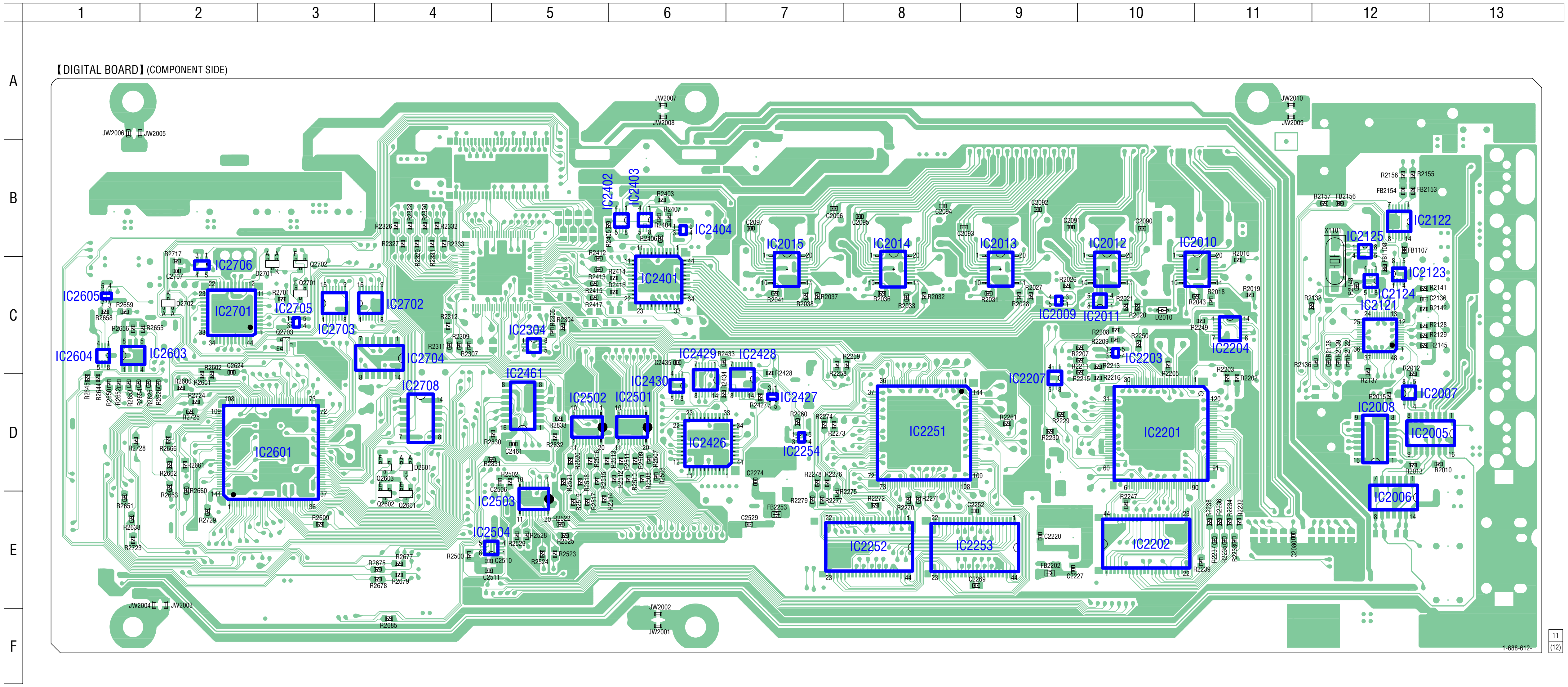


### 6-28. PRINTED WIRING BOARD – DIGITAL Board (Component Side) –

• See page 29 for Circuit Boards Location. :Uses unleaded solder.

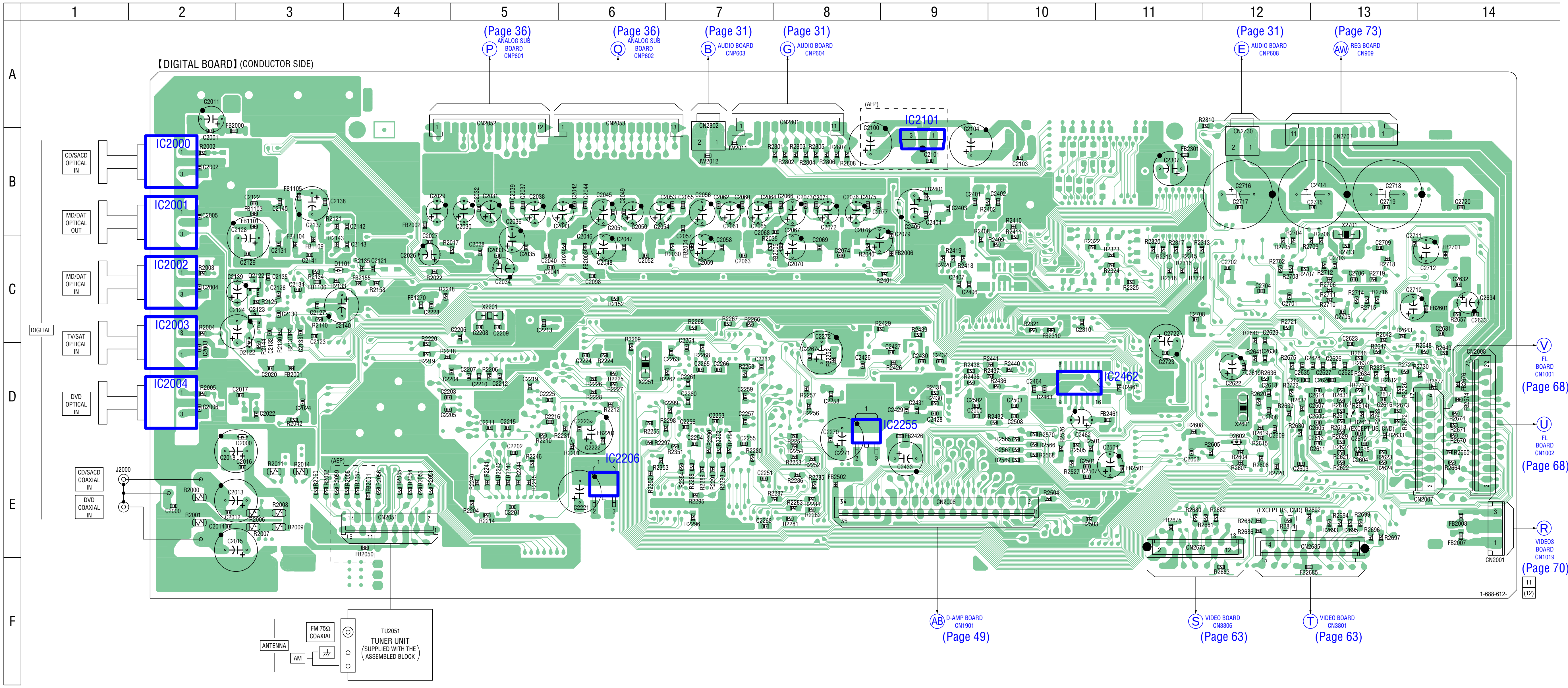
- **Semiconductor Location**

| Ref. No. | Location |
|---|---|
| D2010 | C-10 |
| D2601 | D-4 |
| D2701 | C-3 |
| D2702 | C-2 |
| IC2005 | D-12 |
| IC2006 | E-12 |
| IC2007 | D-12 |
| IC2008 | D-12 |
| IC2009 | C-9 |
| IC2010 | C-11 |
| IC2011 | C-10 |
| IC2012 | C-10 |
| IC2013 | C-9 |
| IC2014 | C-8 |
| IC2015 | C-7 |
| IC2121 | C-12 |
| IC2122 | B-12 |
| IC2123 | C-12 |
| IC2124 | C-12 |
| IC2125 | B-12 |
| IC2201 | E-10 |
| IC2202 | E-10 |
| IC2203 | C-10 |
| IC2204 | C-11 |
| IC2207 | C-9 |
| IC2251 | D-8 |
| IC2252 | E-8 |
| IC2253 | E-9 |
| IC2254 | D-7 |
| IC2304 | C-5 |
| IC2401 | C-6 |
| IC2402 | B-6 |
| IC2403 | B-6 |
| IC2404 | B-6 |
| IC2426 | D-6 |
| IC2427 | D-7 |
| IC2428 | D-7 |
| IC2429 | D-6 |
| IC2430 | D-6 |
| IC2461 | D-5 |
| IC2501 | D-6 |
| IC2502 | D-5 |
| IC2503 | E-5 |
| IC2504 | E-5 |
| IC2601 | D-3 |
| IC2603 | C-1 |
| IC2604 | C-1 |
| IC2605 | C-1 |
| IC2701 | C-2 |
| IC2702 | C-3 |
| IC2703 | C-3 |
| IC2704 | C-4 |
| IC2705 | C-3 |
| IC2706 | C-2 |
| IC2708 | D-4 |
| Q2601 | E-4 |
| Q2602 | E-4 |
| Q2603 | D-4 |
| Q2701 | C-36 |
| Q2702 | C-3 |
| Q2703 | C-3 |



## 6-29. PRINTED WIRING BOARD – DIGITAL Board (Conductor Side) –

• See page 29 for Circuit Boards Location. :Uses unleaded solder.




• **Semiconductor Location**

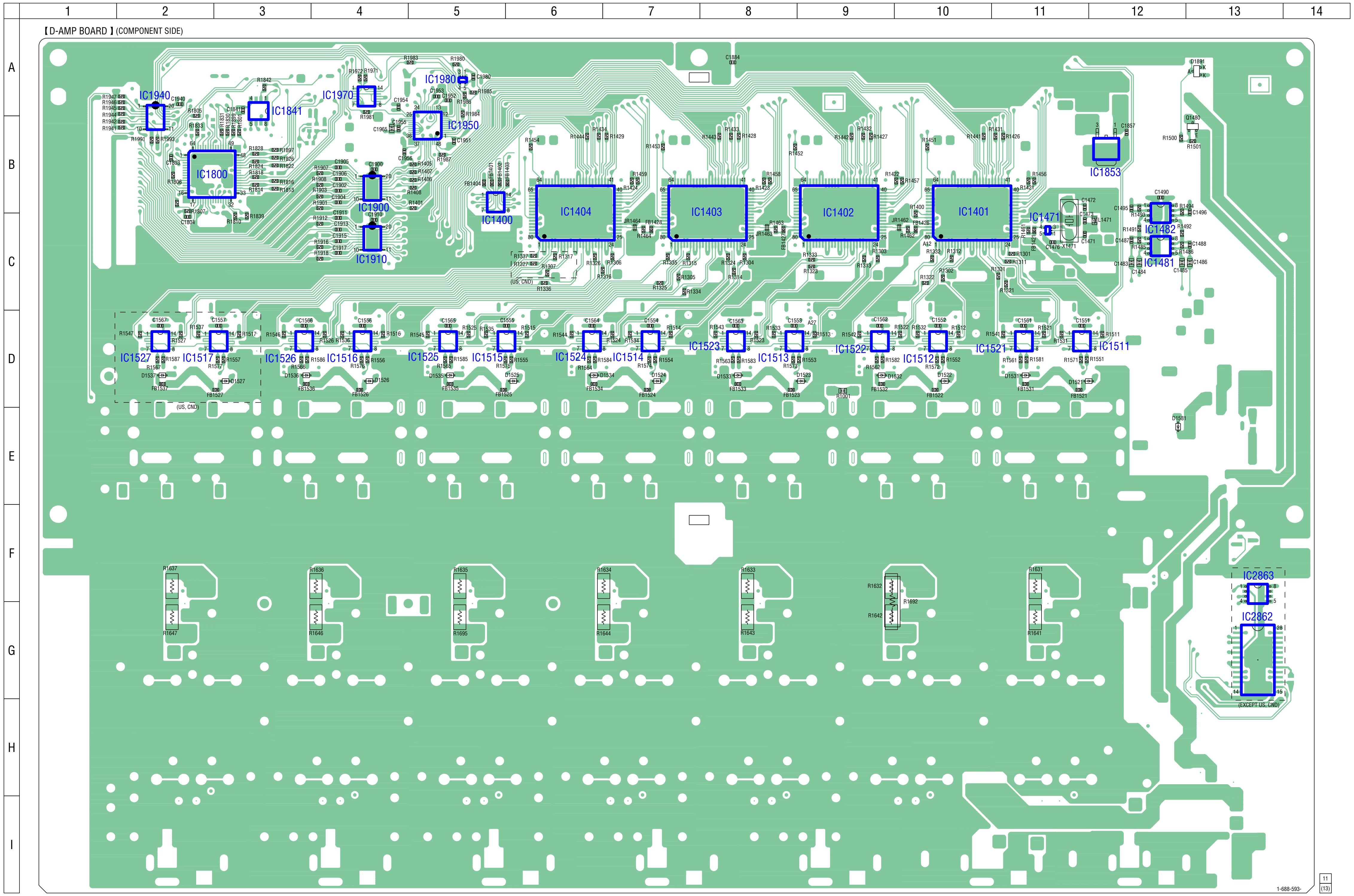
| Ref. No. | Location |
|---|---|
| D1101 | C-3 |
| D2000 | D-3 |
| D2122 | D-3 |
| D2602 | D-12 |
| IC2000 | B-2 |
| IC2001 | B-2 |
| IC2002 | C-2 |
| IC2003 | D-2 |
| IC2004 | D-2 |
| IC2101 | B-9 |
| IC2102 | B-10 |
| IC2206 | E-6 |
| IC2255 | D-8 |
| IC2462 | D-10 |
| Q2122 | C-2 |
| Q2123 | C-2 |

## 6-30. PRINTED WIRING BOARD – D-AMP Section (Component Side) –

• See page 29 for Circuit Boards Location. :Uses unleaded solder.

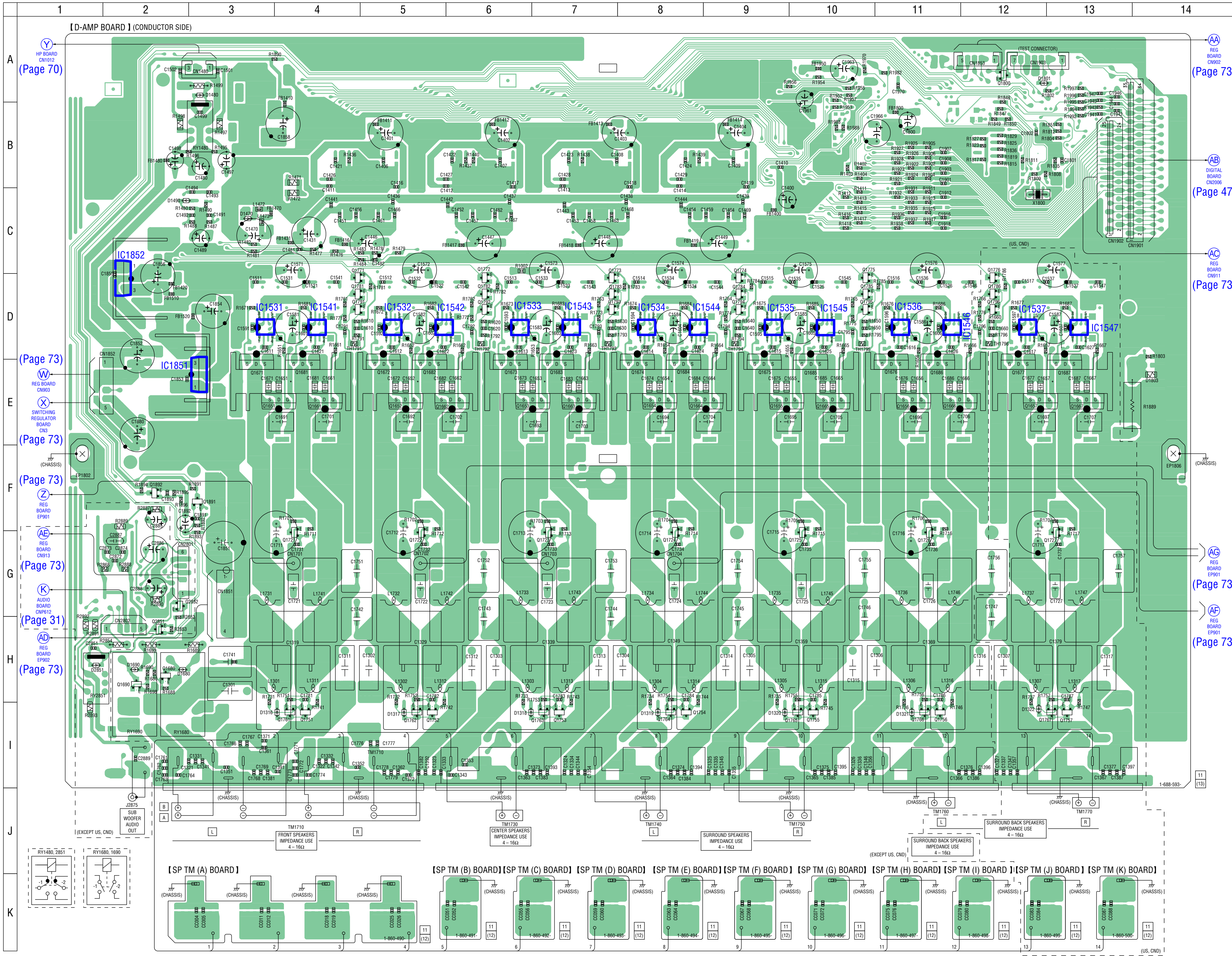
**• Semiconductor Location**

| Ref. No. | Location |
|---|---|
| D1521 | D-11 |
| D1522 | D-10 |
| D1523 | D-9 |
| D1524 | D-7 |
| D1525 | D-6 |
| D1526 | D-4 |
| D1527 | D-3 |
| D1531 | D-11 |
| D1532 | D-9 |
| D1533 | D-8 |
| D1534 | D-6 |
| D1535 | D-5 |
| D1536 | D-3 |
| D1537 | D-2 |
| D1581 | E-12 |
| D1891 | A-13 |
| | |
| IC1400 | B-5 |
| IC1401 | B-10 |
| IC1402 | B-9 |
| IC1403 | B-8 |
| IC1404 | B-6 |
| IC1471 | C-11 |
| IC1481 | C-12 |
| IC1482 | C-12 |
| IC1511 | D-11 |
| IC1512 | D-10 |
| IC1513 | D-8 |
| IC1514 | D-7 |
| IC1515 | D-6 |
| IC1516 | D-4 |
| IC1517 | D-3 |
| IC1521 | D-11 |
| IC1522 | D-9 |
| IC1523 | D-8 |
| IC1524 | D-6 |
| IC1525 | D-5 |
| IC1526 | D-3 |
| IC1527 | D-2 |
| IC1800 | B-2 |
| IC1841 | A-3 |
| IC1853 | B-12 |
| IC1900 | B-4 |
| IC1910 | C-4 |
| IC1940 | B-2 |
| IC1950 | B-5 |
| IC1970 | A-4 |
| IC1980 | A-5 |
| IC2862 | F-12 |
| IC2863 | F-13 |
| | |
| Q1480 | B-13 |



## 6-31. PRINTED WIRING BOARDS – D-AMP Section (Conductor Side) –

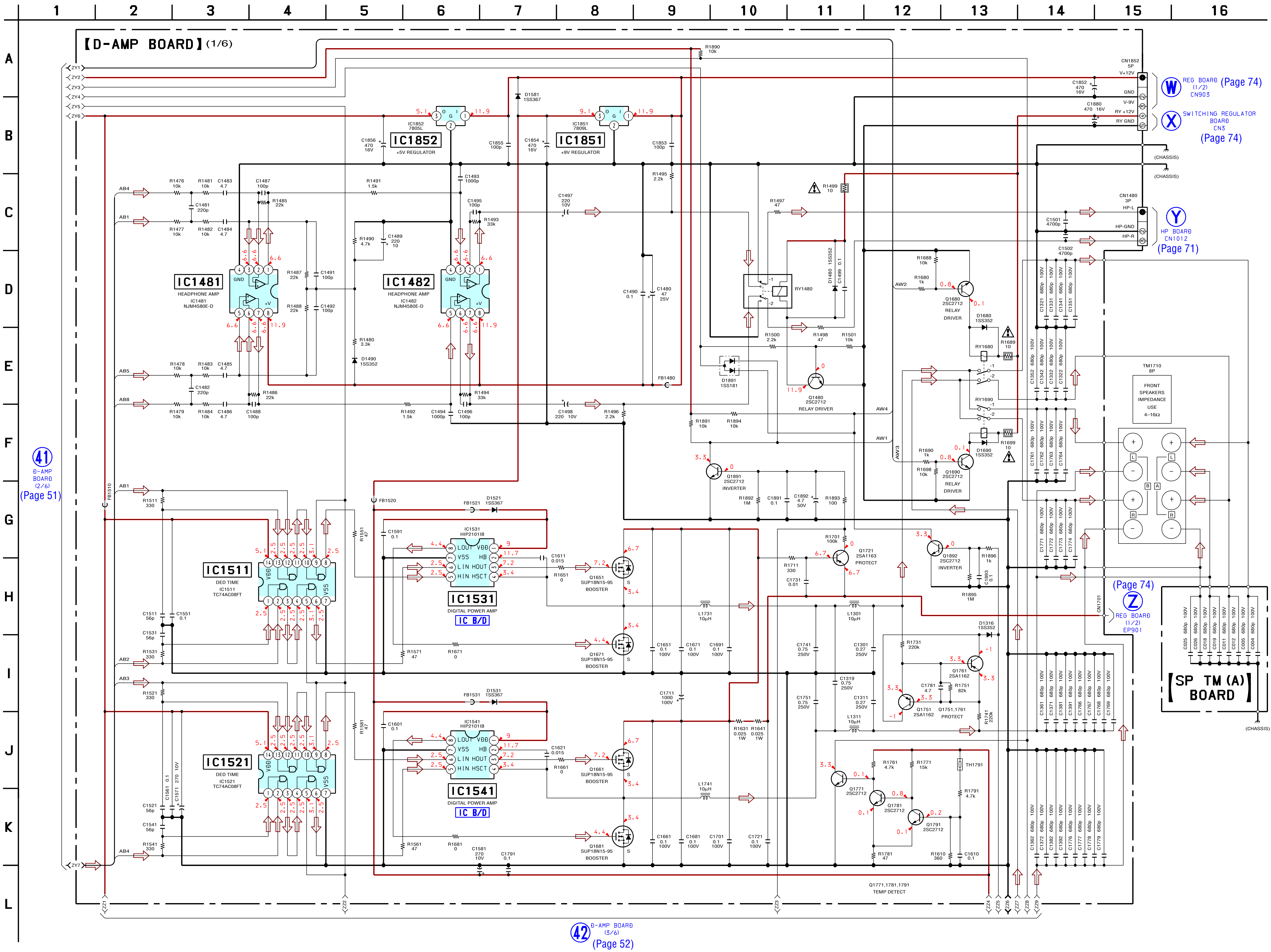
• See page 29 for Circuit Boards Location. :Uses unleaded solder.




• **Semiconductor Location**

| Ref. No. | Location | Ref. No. | Location |
|---|---|---|---|
| D1316 | I-4 | Q1680 | H-2 |
| D1317 | I-5 | Q1681 | E-4 |
| D1318 | I-6 | Q1682 | E-5 |
| D1319 | I-8 | Q1683 | E-7 |
| D1320 | I-9 | Q1684 | E-8 |
| D1321 | I-11 | Q1685 | E-10 |
| D1322 | I-12 | Q1686 | E-11 |
| D1470 | C-3 | Q1687 | E-13 |
| D1480 | A-3 | Q1690 | H-2 |
| D1490 | C-2 | Q1721 | G-4 |
| D1680 | H-2 | Q1722 | G-5 |
| D1690 | H-2 | Q1723 | G-7 |
| D1801 | A-12 | Q1724 | G-8 |
| D1803 | E-14 | Q1725 | G-10 |
| D2851 | H-1 | Q1726 | G-11 |
| | | Q1727 | G-13 |
| IC1531 | D-3 | Q1751 | I-4 |
| IC1532 | D-5 | Q1752 | I-5 |
| IC1533 | D-6 | Q1753 | I-7 |
| IC1534 | D-8 | Q1754 | I-8 |
| IC1535 | D-9 | Q1755 | I-10 |
| IC1536 | D-11 | Q1756 | I-11 |
| IC1537 | D-12 | Q1757 | I-13 |
| IC1541 | D-4 | Q1761 | I-4 |
| IC1542 | D-5 | Q1762 | I-5 |
| IC1543 | D-7 | Q1763 | I-7 |
| IC1544 | D-8 | Q1764 | I-8 |
| IC1545 | D-10 | Q1765 | I-10 |
| IC1546 | D-11 | Q1766 | I-11 |
| IC1547 | D-13 | Q1767 | I-13 |
| IC1851 | E-3 | Q1771 | D-4 |
| IC1852 | D-2 | Q1772 | D-6 |
| | | Q1773 | D-7 |
| Q1651 | E-4 | Q1774 | D-9 |
| Q1652 | E-5 | Q1775 | D-10 |
| Q1653 | E-7 | Q1776 | D-12 |
| Q1654 | E-8 | Q1781 | D-4 |
| Q1655 | E-9 | Q1782 | D-6 |
| Q1656 | E-11 | Q1783 | D-7 |
| Q1657 | E-12 | Q1784 | D-9 |
| Q1661 | E-4 | Q1785 | D-10 |
| Q1662 | E-6 | Q1786 | D-12 |
| Q1663 | E-7 | Q1791 | D-4 |
| Q1664 | E-9 | Q1792 | D-6 |
| Q1665 | E-10 | Q1793 | D-7 |
| Q1666 | E-11 | Q1794 | D-9 |
| Q1667 | E-13 | Q1795 | D-10 |
| Q1671 | E-3 | Q1796 | D-12 |
| Q1672 | E-5 | Q1800 | A-12 |
| Q1673 | E-6 | Q1891 | F-3 |
| Q1674 | E-8 | Q1892 | F-2 |
| Q1675 | E-9 | Q2851 | H-2 |
| Q1676 | E-11 | Q2852 | G-2 |
| Q1677 | E-12 | | |

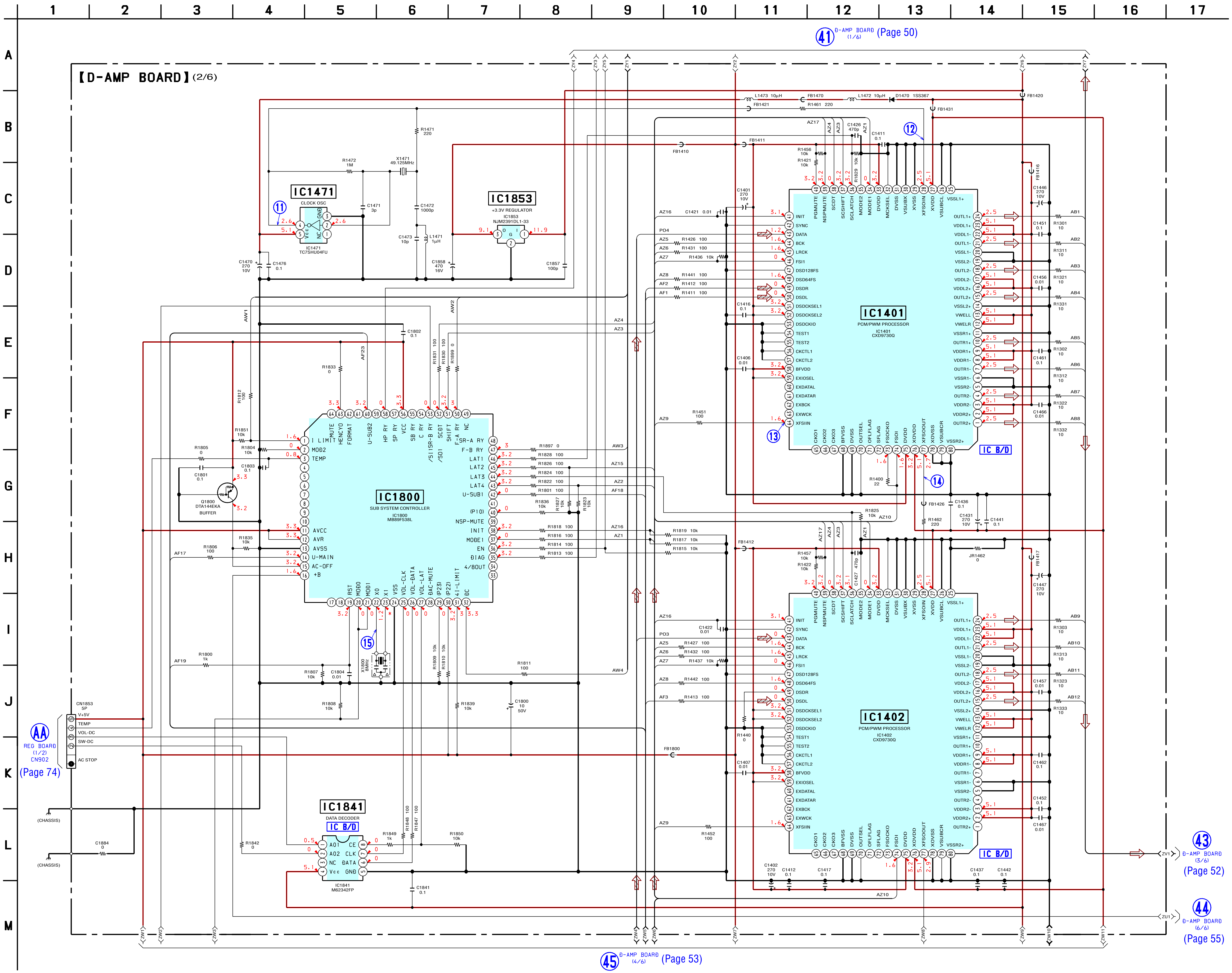
## 6-32. SCHEMATIC DIAGRAM – D-AMP Section (1/6) – • See page 77 for IC Block Diagrams.



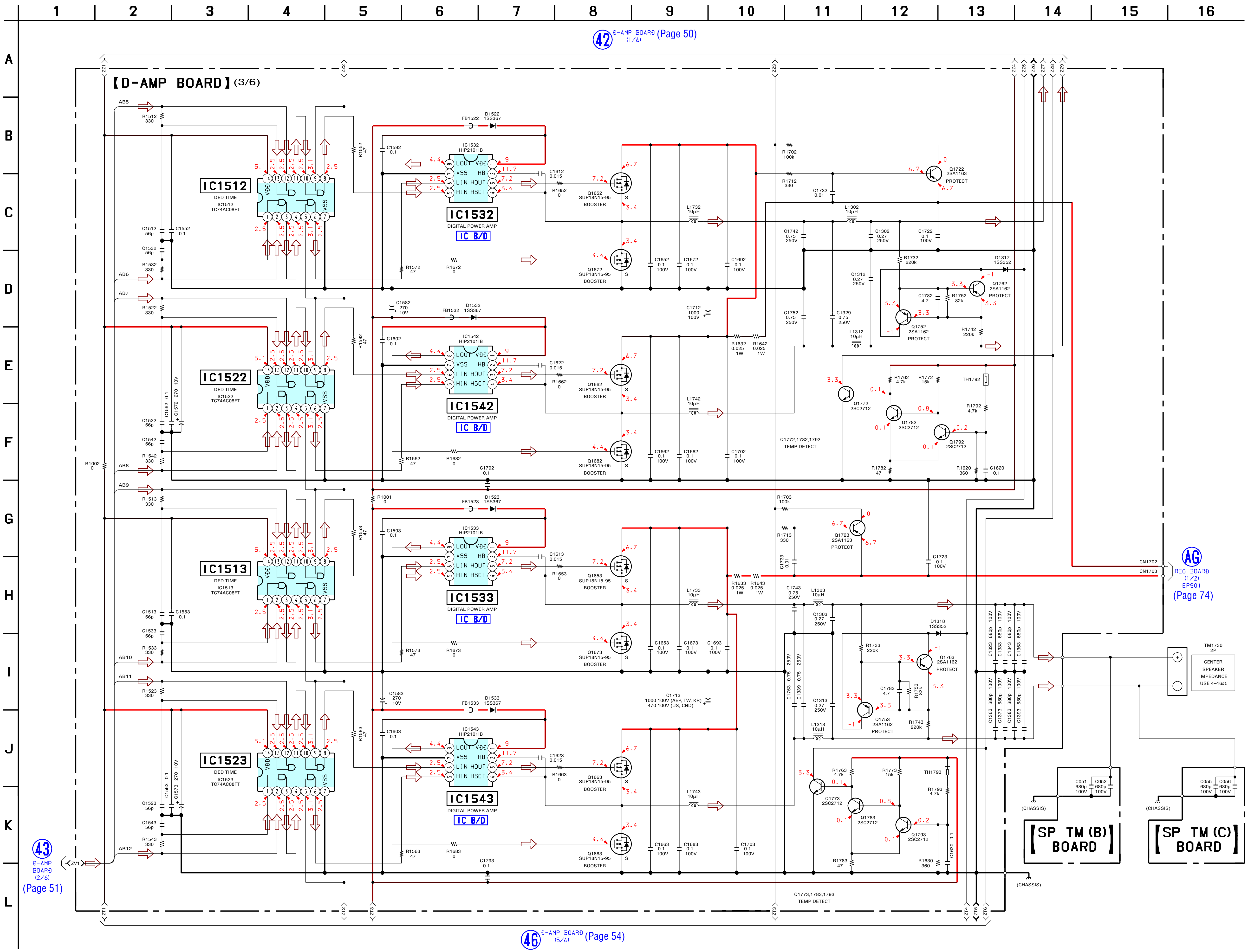

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

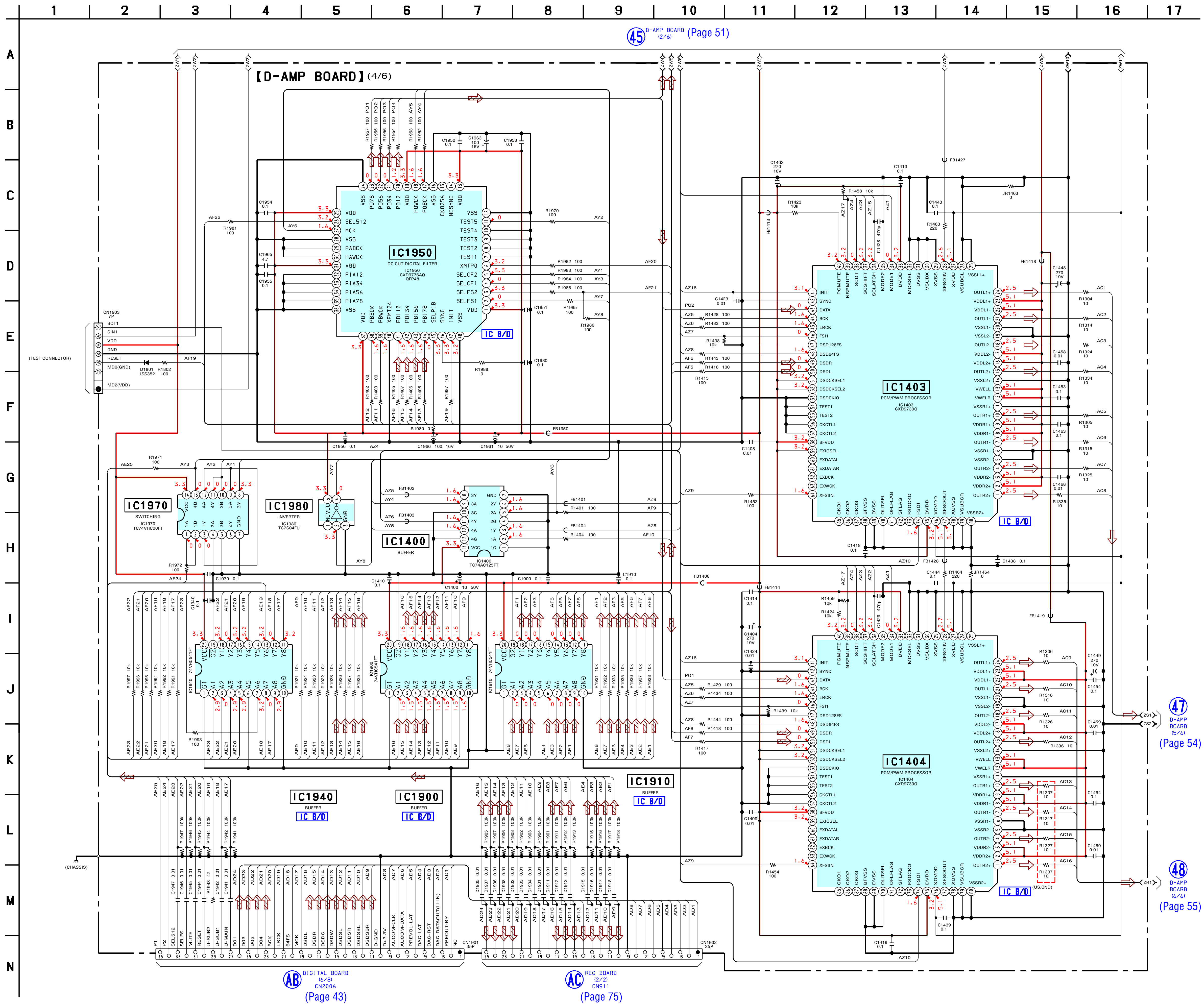
6-33. SCHEMATIC DIAGRAM – D-AMP Section (2/6) – • See page 76 for Waveforms. • See page 77 for IC Block Diagrams.



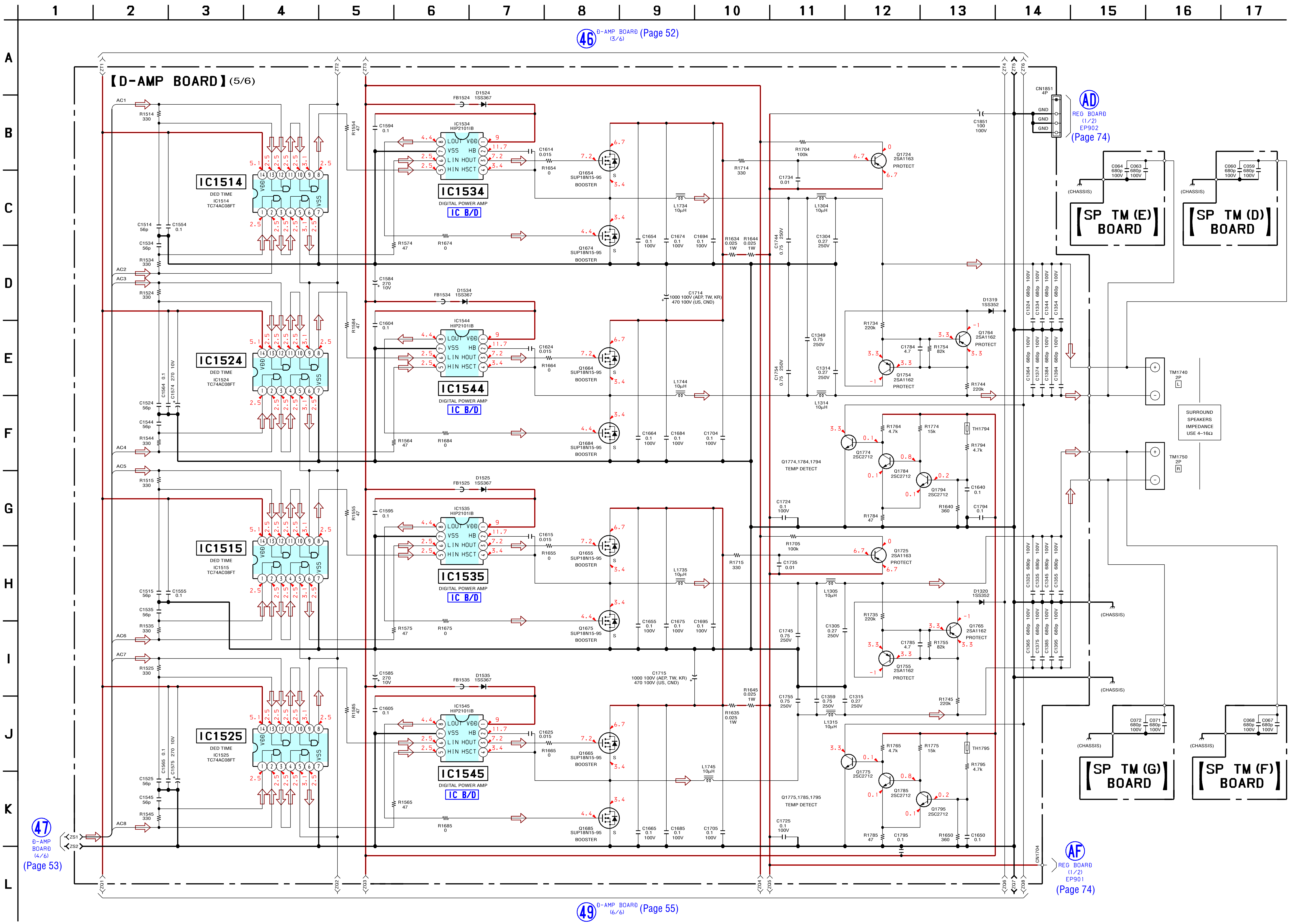
6-34. SCHEMATIC DIAGRAM – D-AMP Section (3/6) – • See page 77 for IC Block Diagrams.



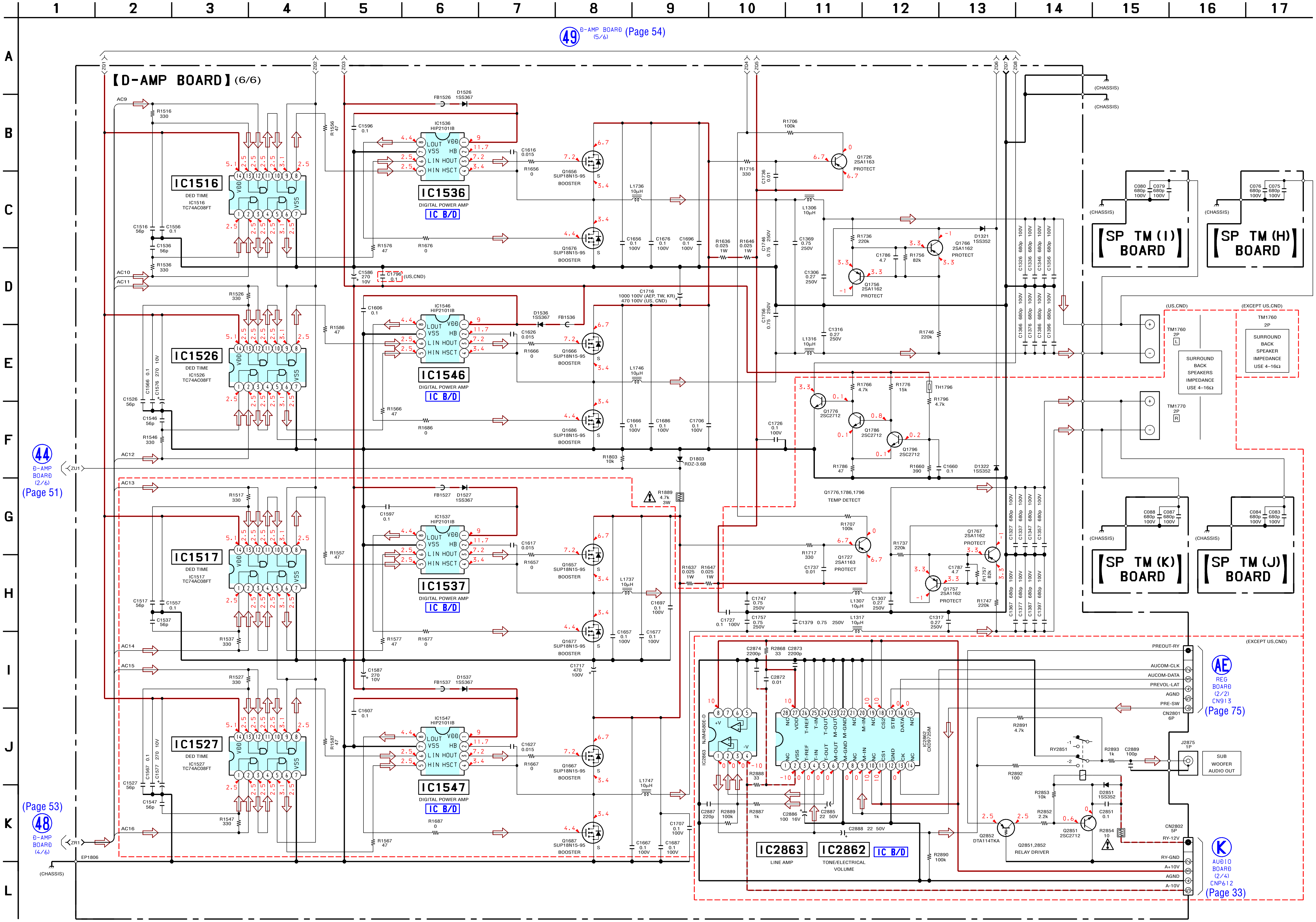
## 6-35. SCHEMATIC DIAGRAM – D-AMP Section (4/6) – • See page 77 for IC Block Diagrams.



## 6-36. SCHEMATIC DIAGRAM – D-AMP Section (5/6) – • See page 77 for IC Block Diagrams.



## 6-37. SCHEMATIC DIAGRAM – D-AMP Section (6/6) – • See page 77 for IC Block Diagrams.




The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

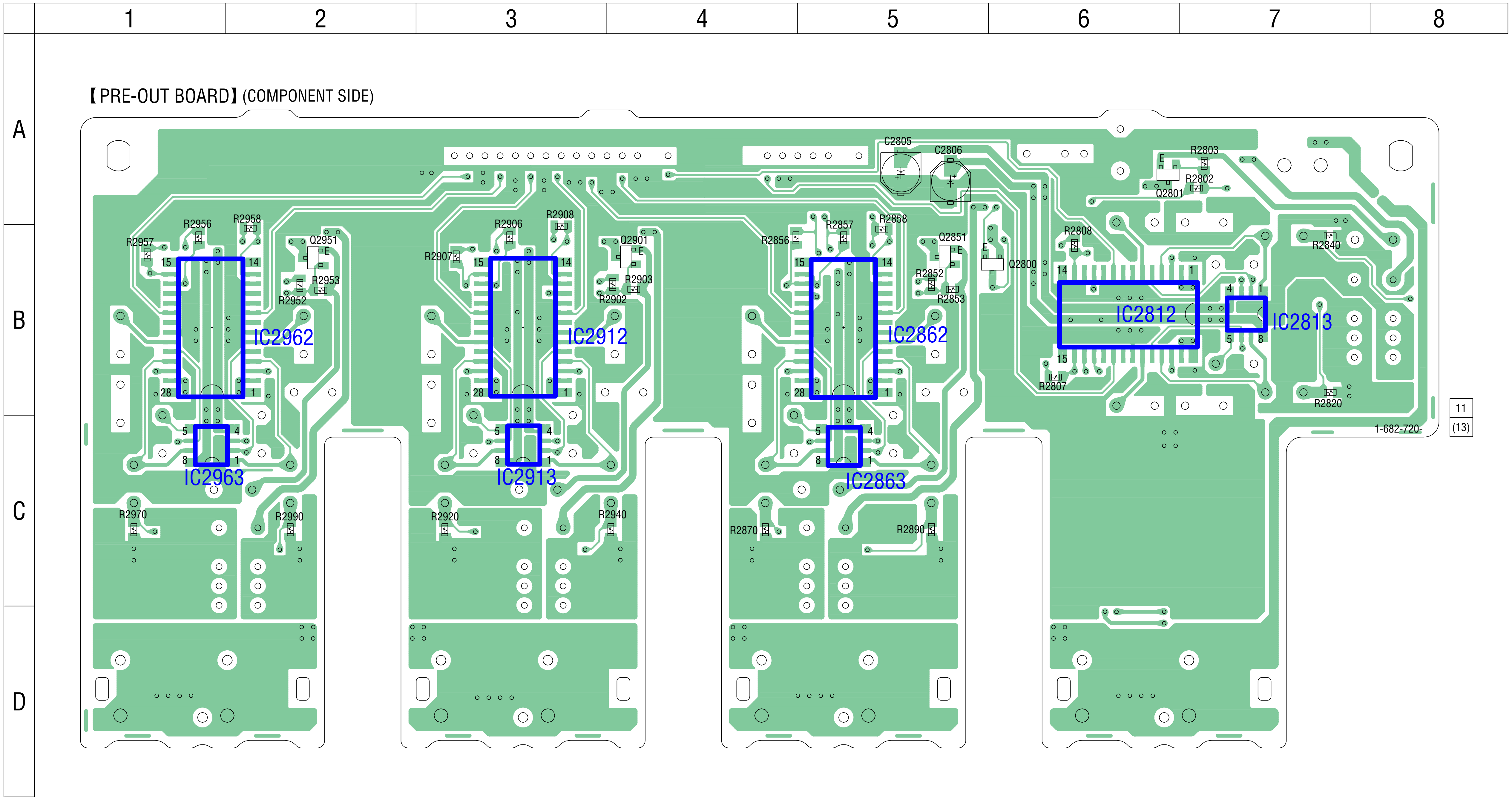
Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

## 6-38. PRINTED WIRING BOARD – PRE-OUT Board (Component Side) – (US, CND models)

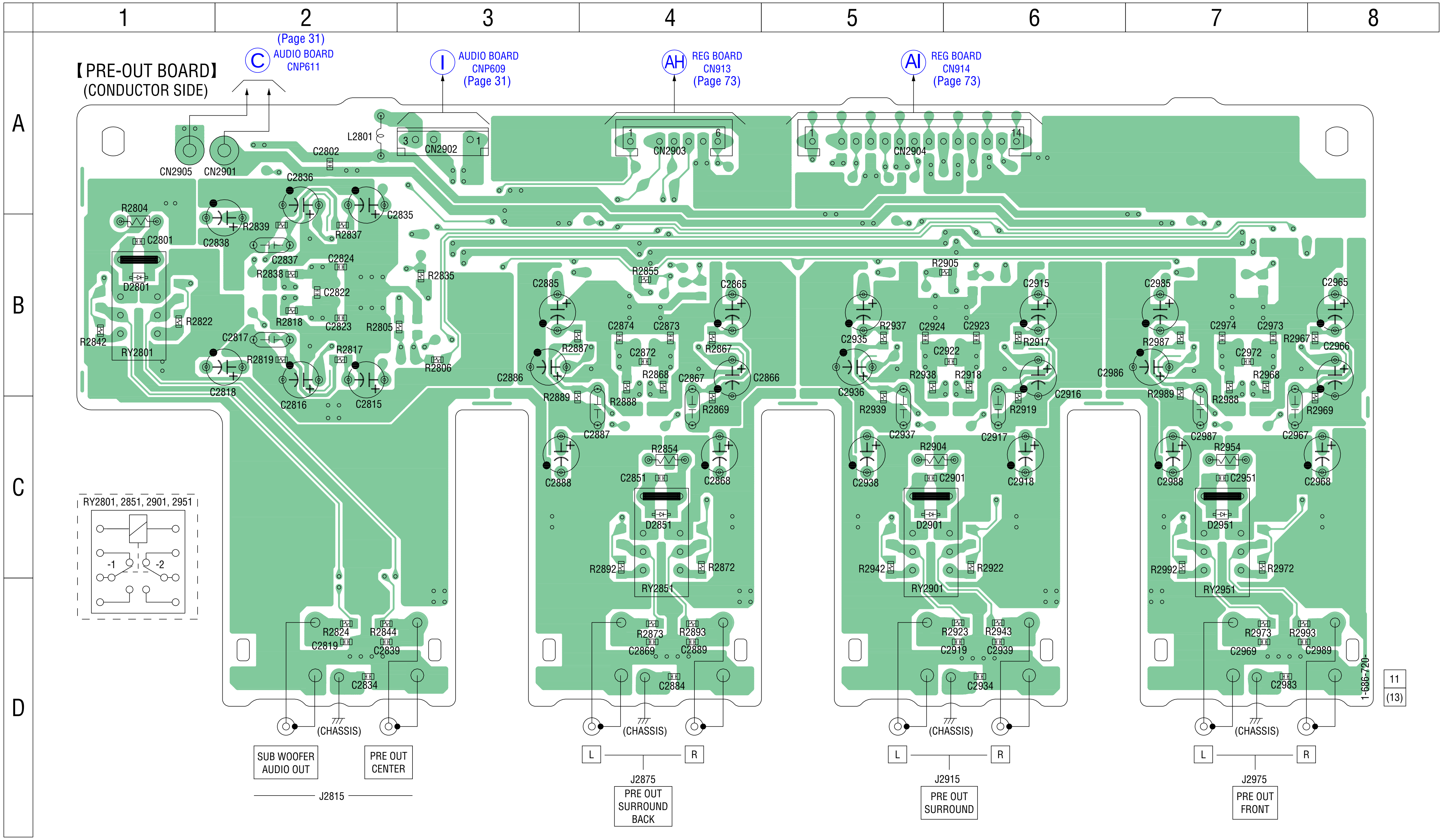
• See page 29 for Circuit Boards Location. :Uses unleaded solder.

• **Semiconductor Location**

| Ref. No. | Location |
|---|---|
| IC2812 | B-6 |
| IC2813 | B-7 |
| IC2862 | B-5 |
| IC2863 | C-5 |
| IC2912 | B-3 |
| IC2913 | C-3 |
| IC2962 | B-1 |
| IC2963 | C-1 |
| Q2800 | B-6 |
| Q2801 | A-6 |
| Q2851 | B-5 |
| Q2901 | B-4 |
| Q2951 | B-2 |



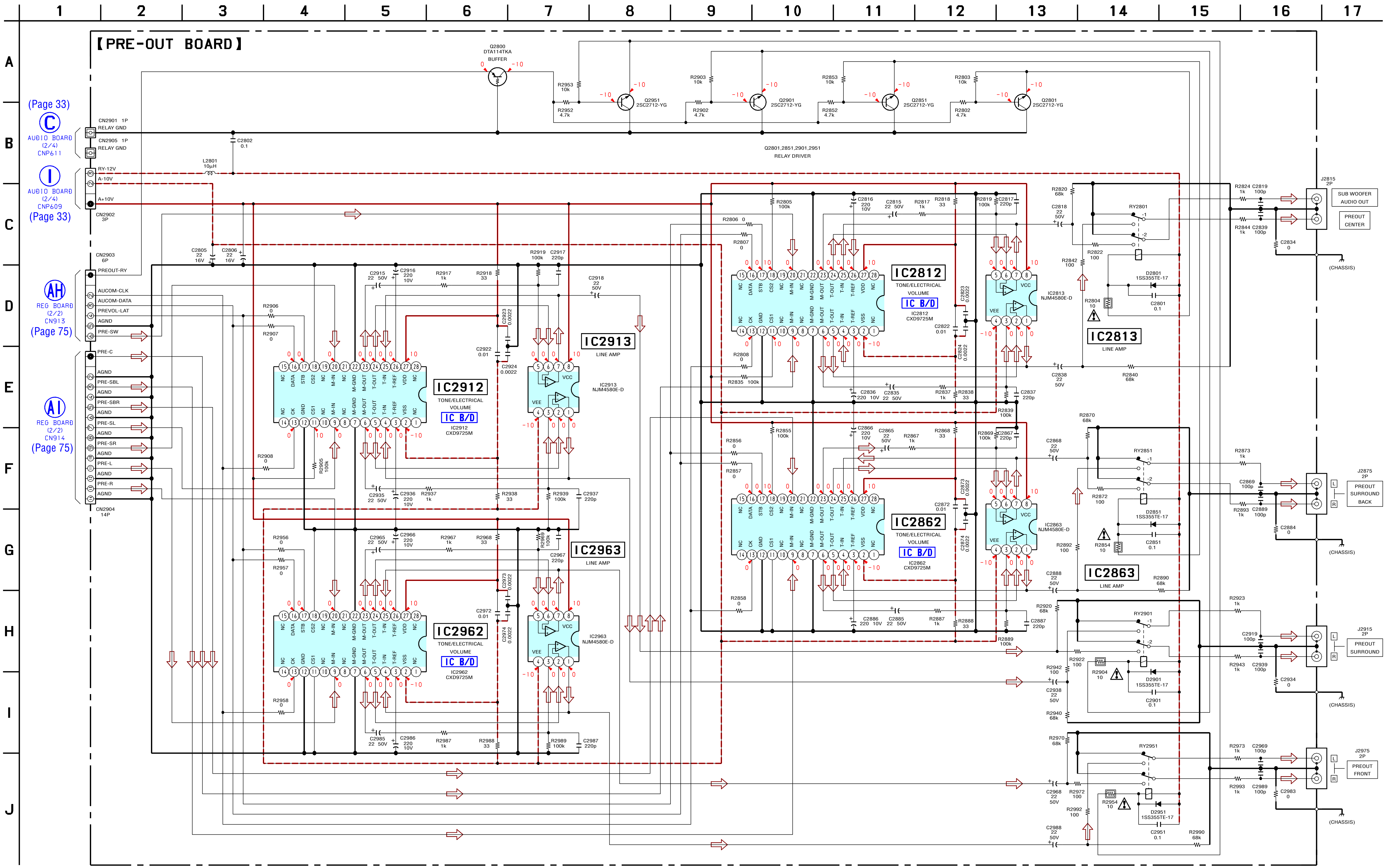
**6-39. PRINTED WIRING BOARD – PRE-OUT Board (Conductor Side) – (US, CND models)** • See page 29 for Circuit Boards Location. :Uses unleaded solder.




- **Semiconductor Location**

| Ref. No. | Location |
|---|---|
| D2801 | B-1 |
| D2851 | C-4 |
| D2901 | C-5 |
| D2951 | C-7 |

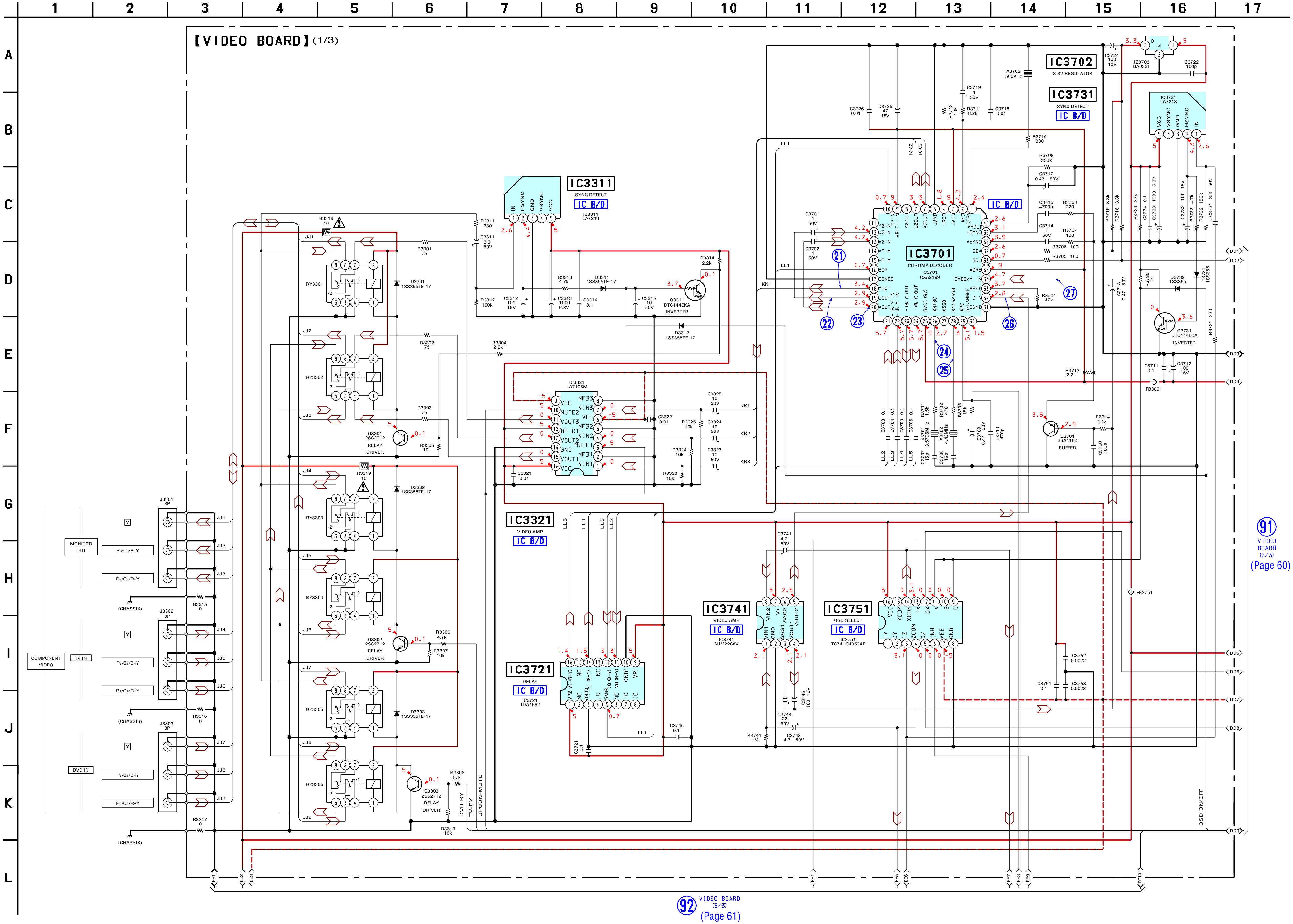
## 6-40. SCHEMATIC DIAGRAM – PRE-OUT Board – (US, CND models) • See page 77 for IC Block Diagrams.




The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

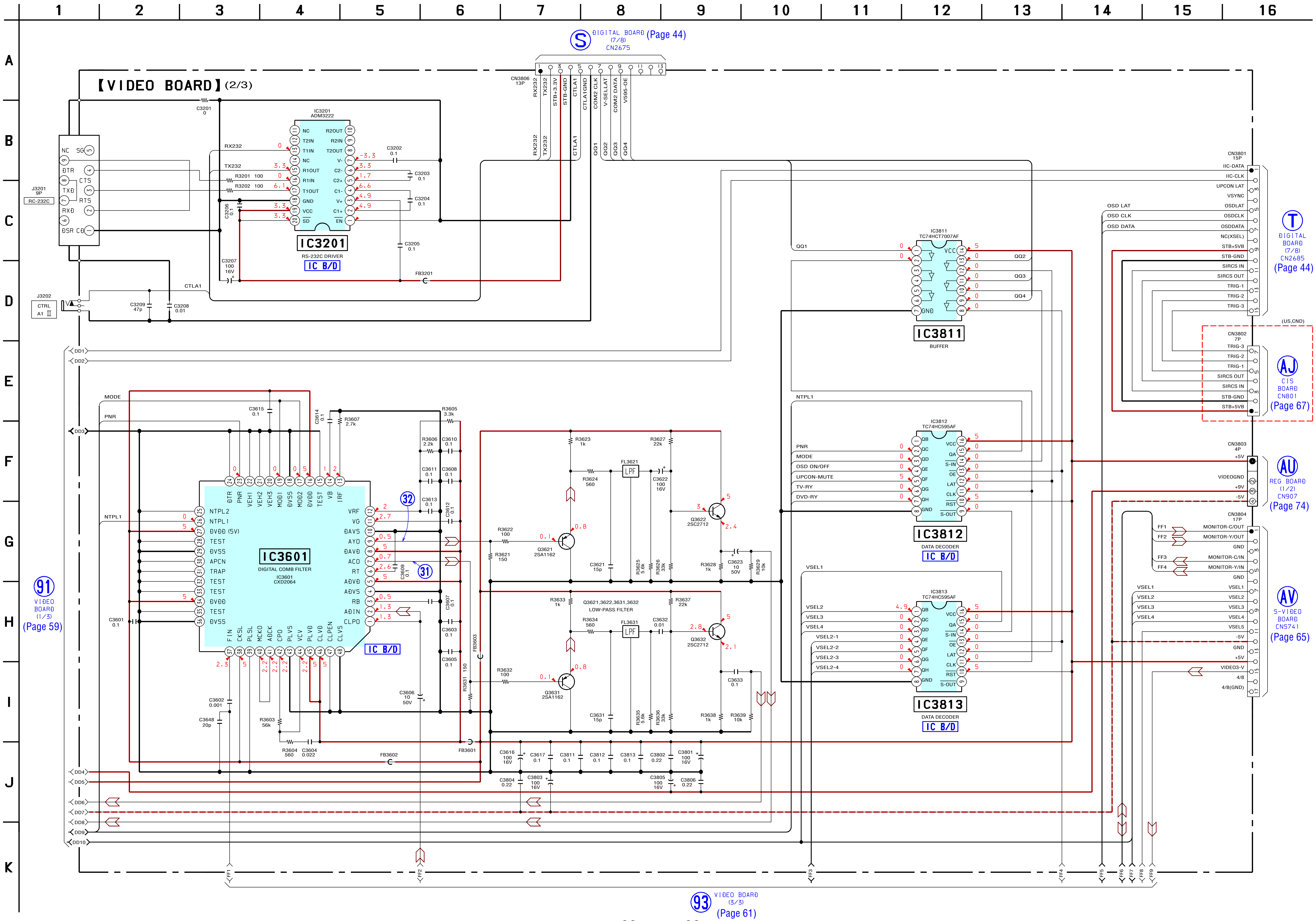
## 6-41. SCHEMATIC DIAGRAM – VIDEO Board (1/3) – • See page 76 for Waveforms. • See page 77 for IC Block Diagrams.




The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

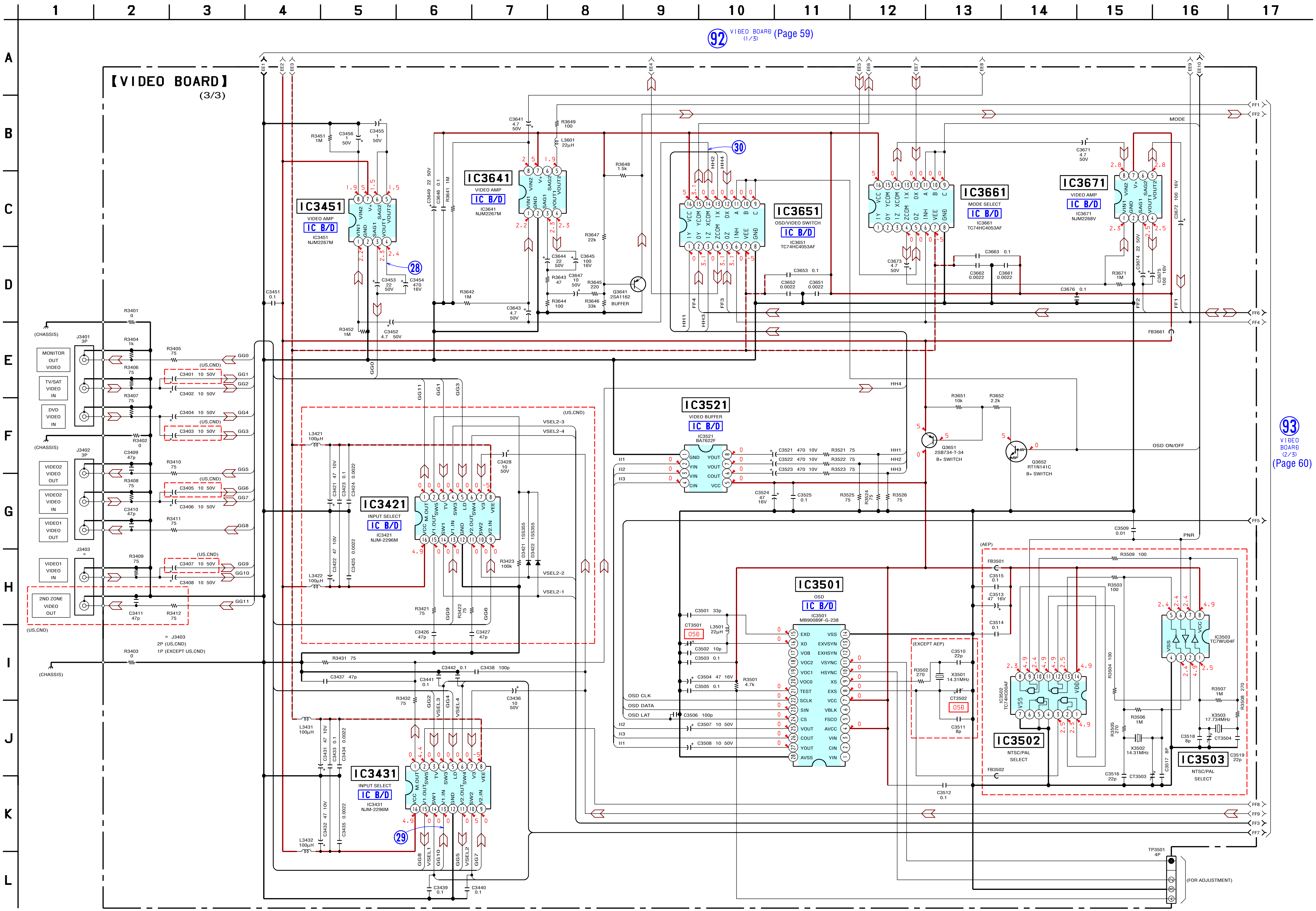
Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

6-42. SCHEMATIC DIAGRAM – VIDEO Board (2/3) – • See page 76 for Waveforms. • See page 77 for IC Block Diagrams.



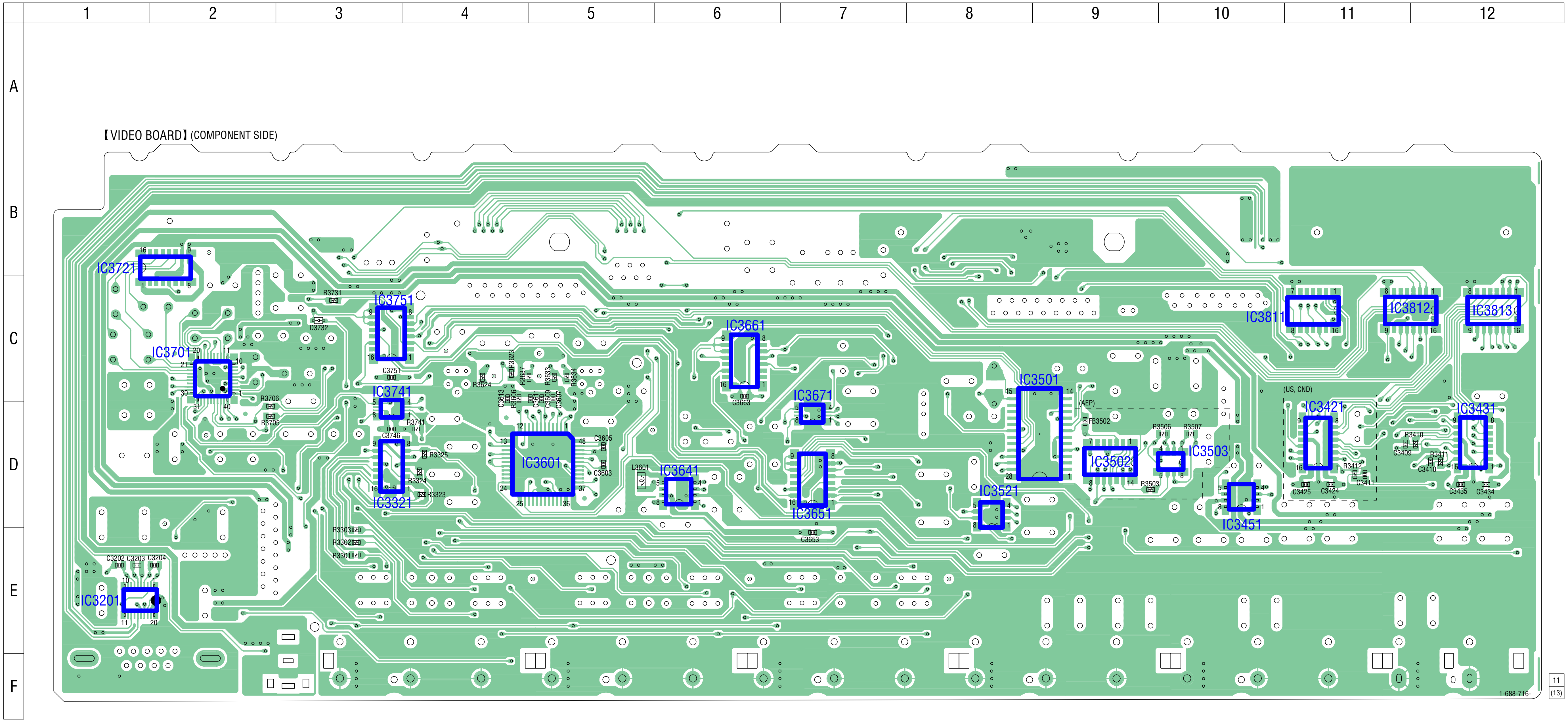
## 6-43. SCHEMATIC DIAGRAM – VIDEO Board (3/3) –

• See page 76 for Waveforms. • See page 77 for IC Block Diagrams.



## 6-44. PRINTED WIRING BOARD – VIDEO Board (Component Side) –

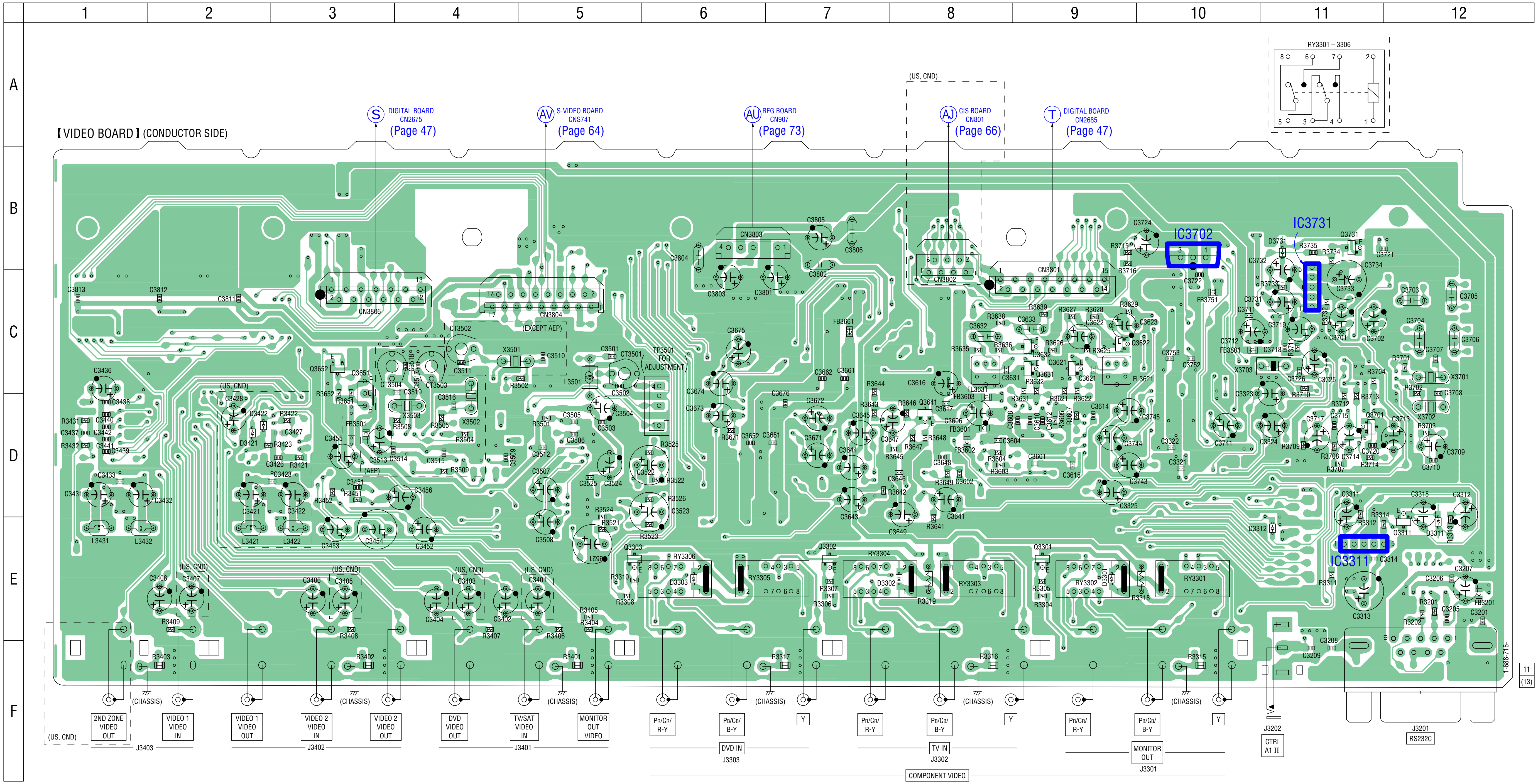
• See page 29 for Circuit Boards Location. :Uses unleaded solder.




• **Semiconductor Location**

| Ref. No. | Location |
|---|---|
| D3732 | C-3 |
| IC3201 | E-1 |
| IC3321 | D-3 |
| IC3421 | D-11 |
| IC3431 | D-12 |
| IC3451 | D-10 |
| IC3501 | D-9 |
| IC3502 | D-9 |
| IC3503 | D-10 |
| IC3521 | D-8 |
| IC3601 | D-5 |
| IC3641 | D-6 |
| IC3651 | D-7 |
| IC3661 | C-6 |
| IC3671 | D-7 |
| IC3701 | C-2 |
| IC3721 | B-2 |
| IC3741 | D-3 |
| IC3751 | C-3 |
| IC3811 | C-11 |
| IC3812 | C-12 |
| IC3813 | C-12 |

## 6-45. PRINTED WIRING BOARD – VIDEO Board (Conductor Side) – • See page 29 for Circuit Boards Location. :Uses unleaded solder.




• **Semiconductor Location**

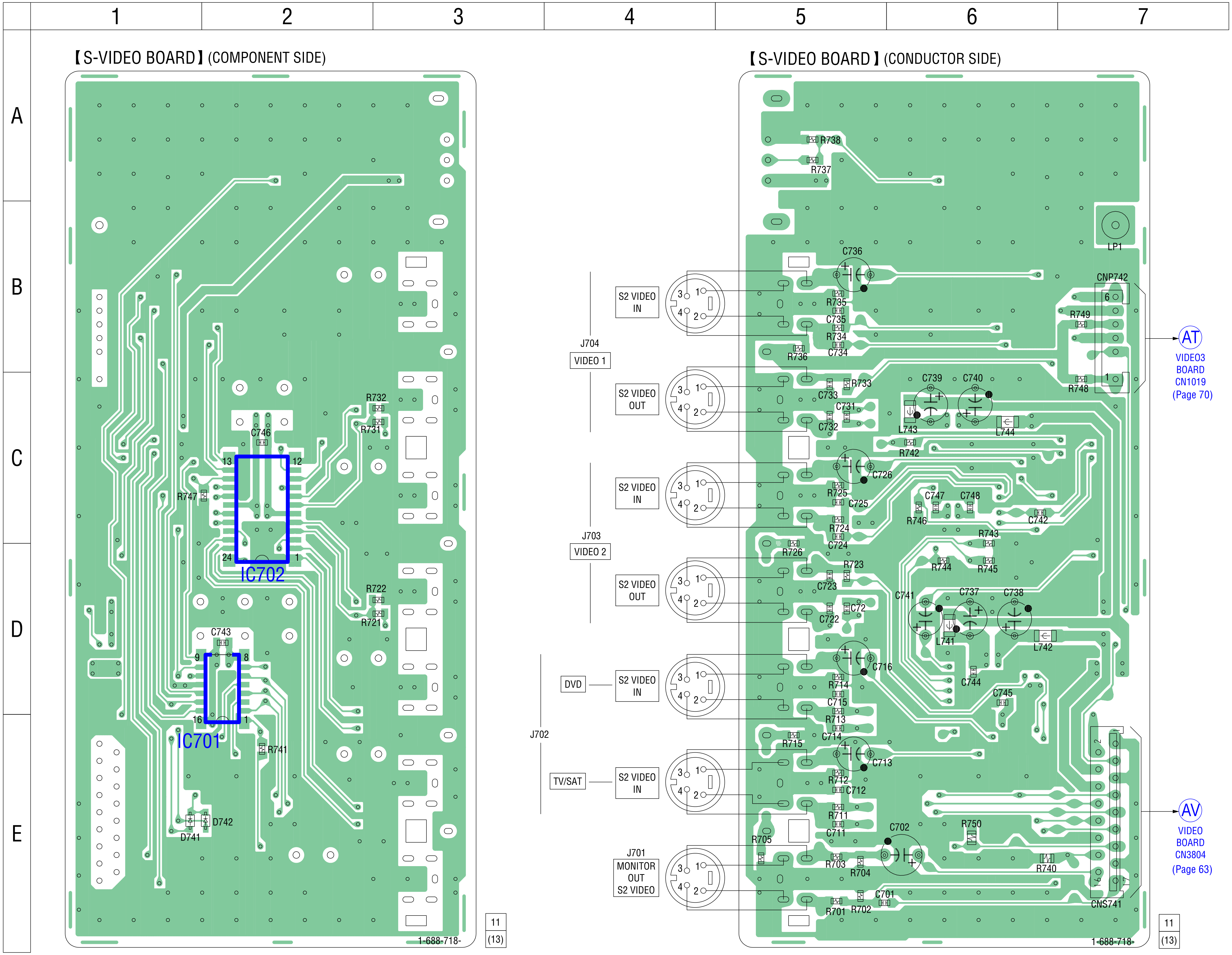
| Ref. No. | Location | Ref. No. | Location |
|---|---|---|---|
| D3301 | E-9 | Q3301 | E-9 |
| D3302 | E-8 | Q3302 | E-7 |
| D3303 | E-6 | Q3303 | E-5 |
| D3311 | E-12 | Q3311 | E-12 |
| D3312 | E-11 | Q3621 | C-9 |
| D3421 | D-2 | Q3622 | C-9 |
| D3422 | D-2 | Q3631 | C-9 |
| D3731 | B-11 | Q3632 | C-9 |
| | | Q3641 | D-8 |
| IC3311 | E-11 | Q3651 | C-3 |
| IC3702 | B-10 | Q3652 | C-3 |
| IC3731 | C-11 | Q3701 | D-12 |
| | | Q3731 | B-11 |

## 6-46. PRINTED WIRING BOARD – S-VIDEO Board –

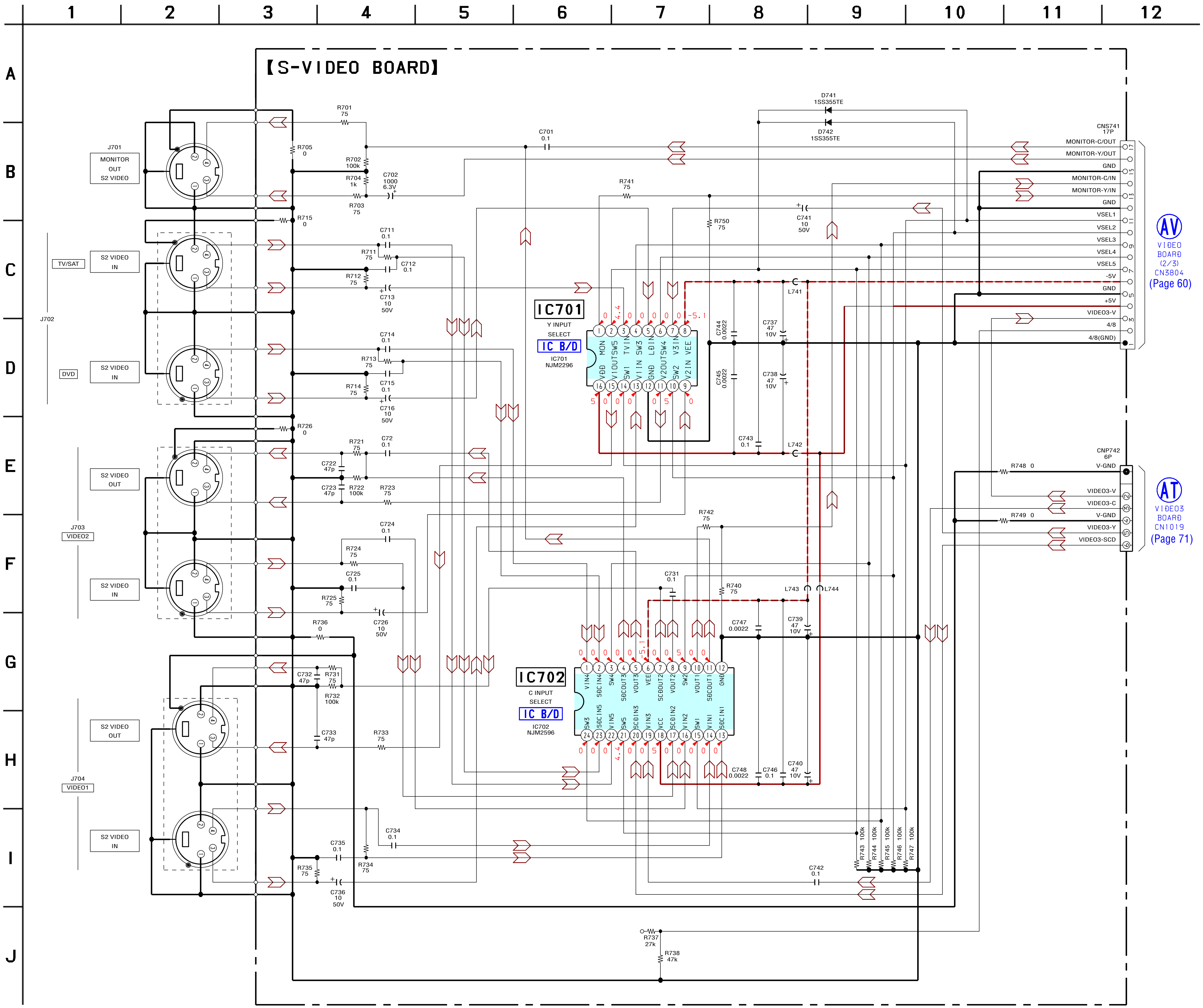
• See page 29 for Circuit Boards Location. :Uses unleaded solder.

• **Semiconductor Location**

| Ref. No. | Location |
|---|---|
| D741 | E-1 |
| D742 | E-2 |
| IC701 | D-2 |
| IC702 | C-2 |



6-47. SCHEMATIC DIAGRAM – S-VIDEO Board – • See page 77 for IC Block Diagrams.

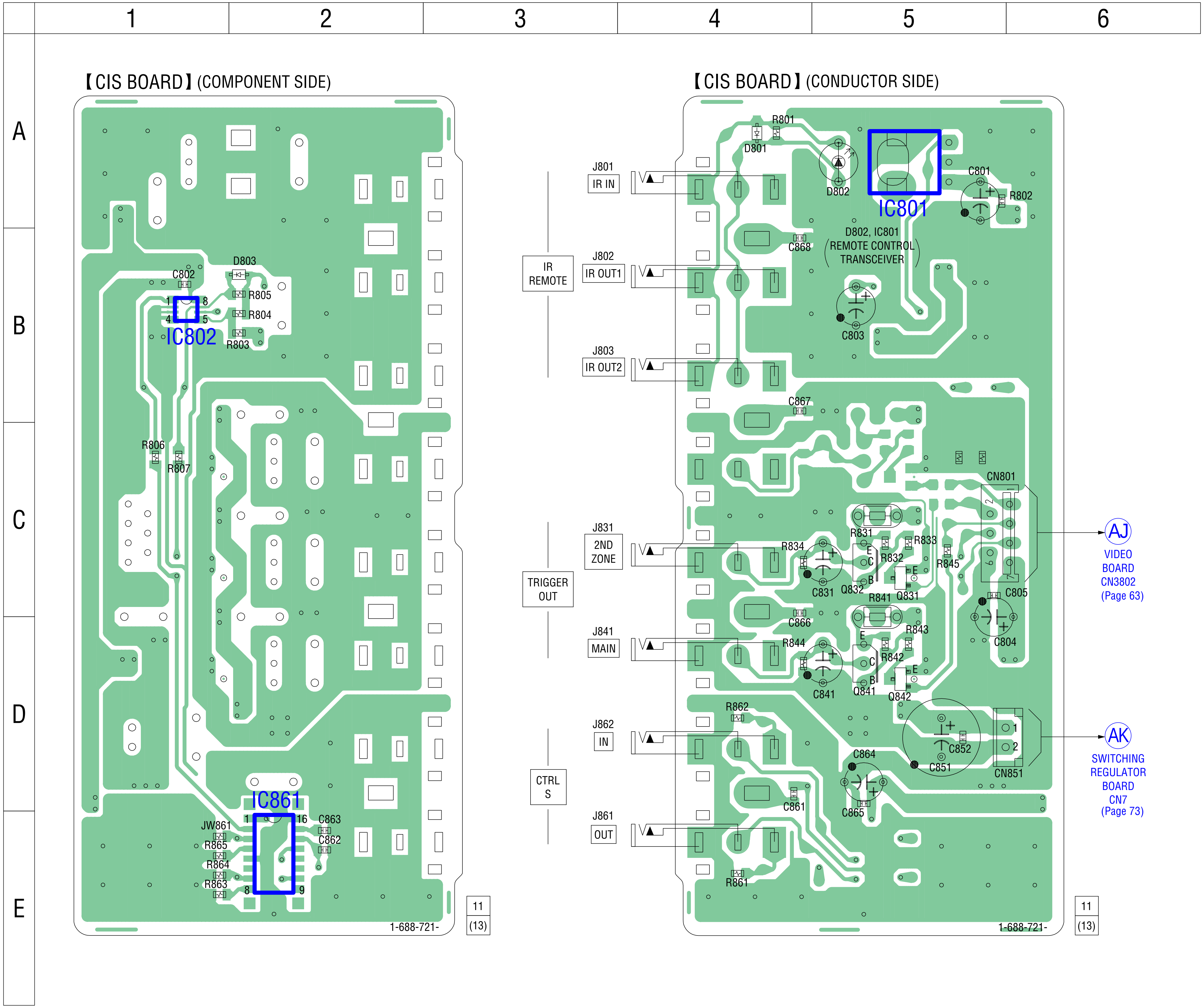


## 6-48. PRINTED WIRING BOARD – CIS Board – (US, CND models)

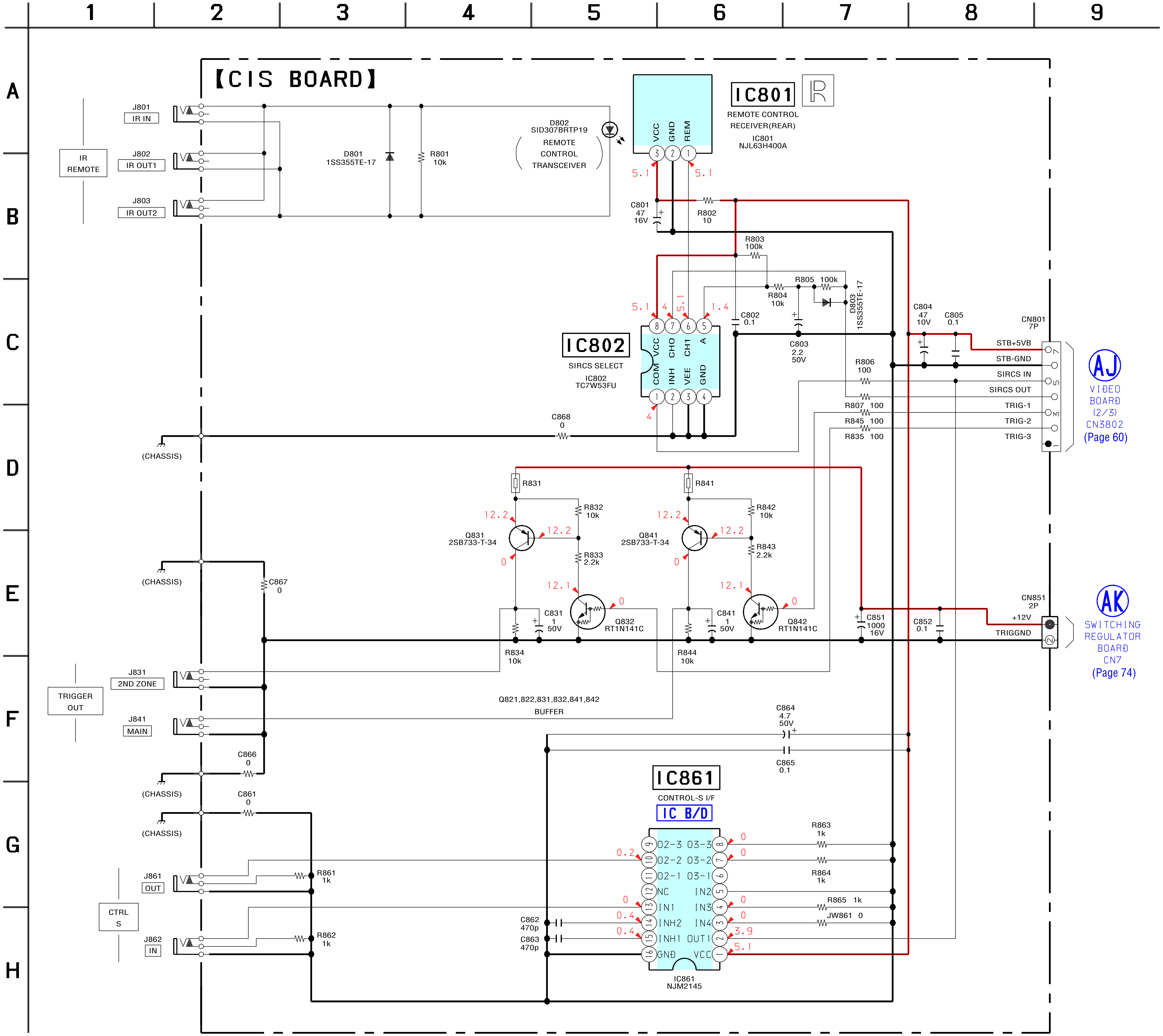
• See page 29 for Circuit Boards Location. :Uses unleaded solder.

• **Semiconductor Location**

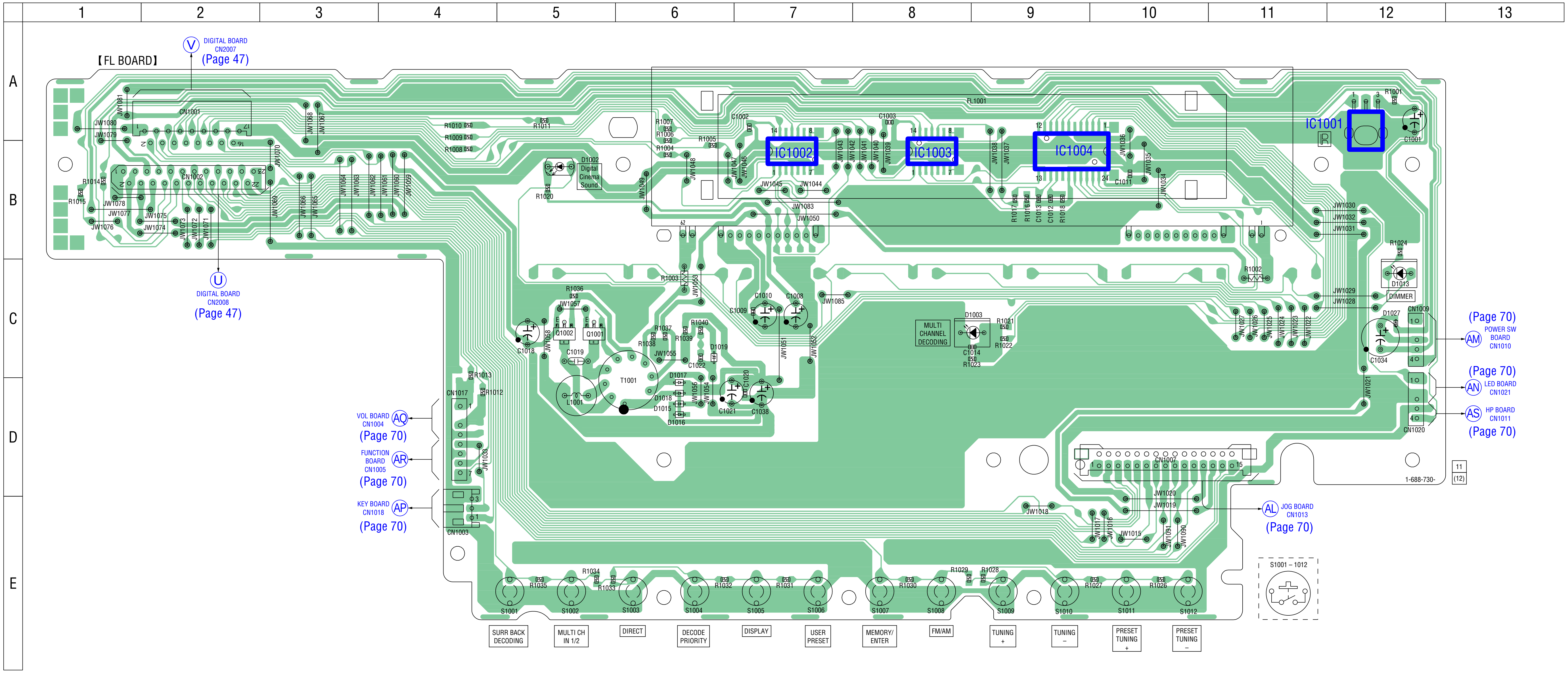
| Ref. No. | Location |
|---|---|
| D801 | A-4 |
| D802 | A-5 |
| D803 | B-2 |
| IC801 | A-5 |
| IC802 | B-1 |
| IC861 | E-2 |
| Q831 | C-5 |
| Q832 | C-5 |
| Q841 | D-5 |
| Q842 | D-5 |



6-49. SCHEMATIC DIAGRAM – CIS Board – (US, CND models) • See page 77 for IC Block Diagrams.



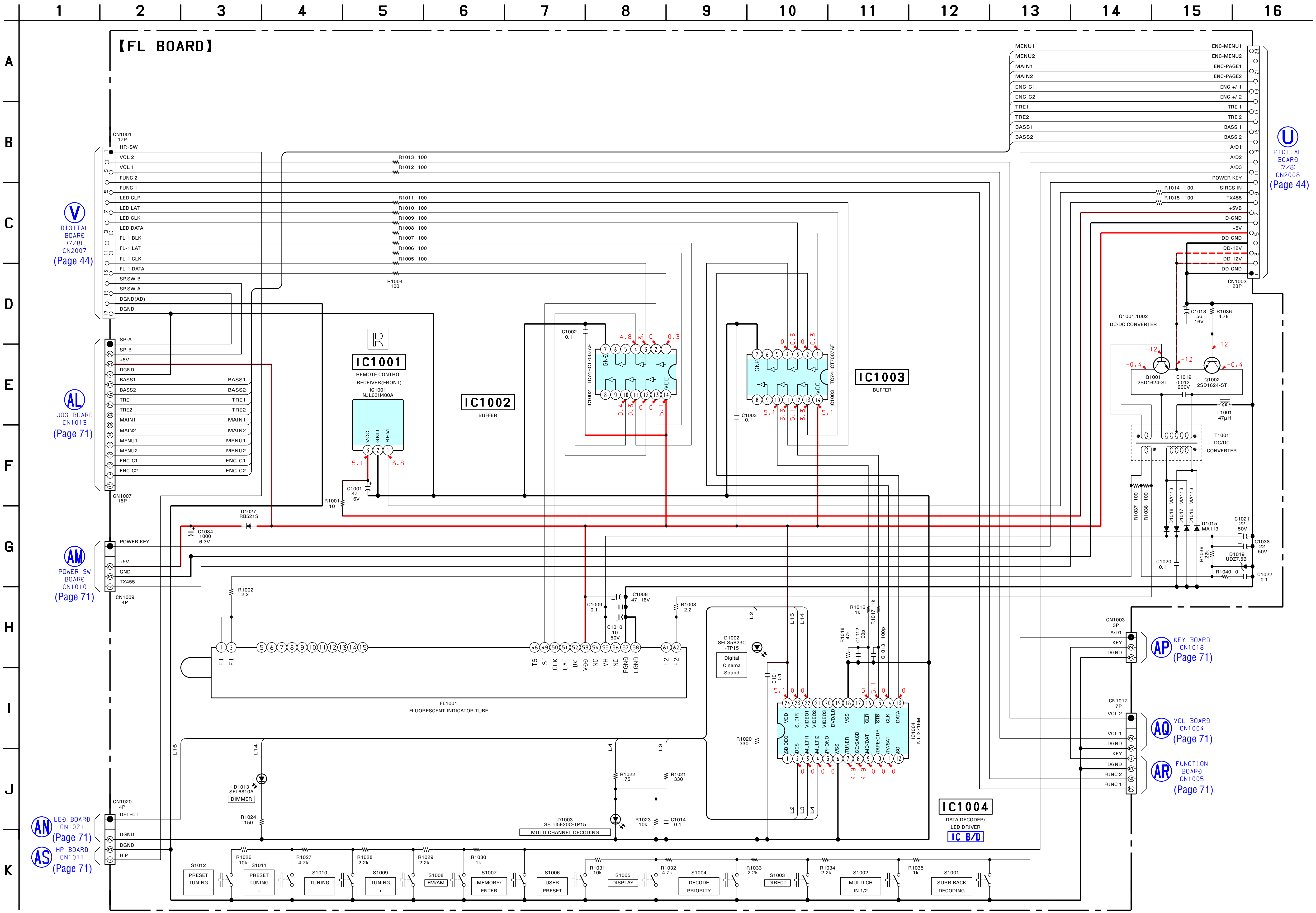
## 6-50. PRINTED WIRING BOARD – FL Board – • See page 29 for Circuit Boards Location. :Uses unleaded solder.



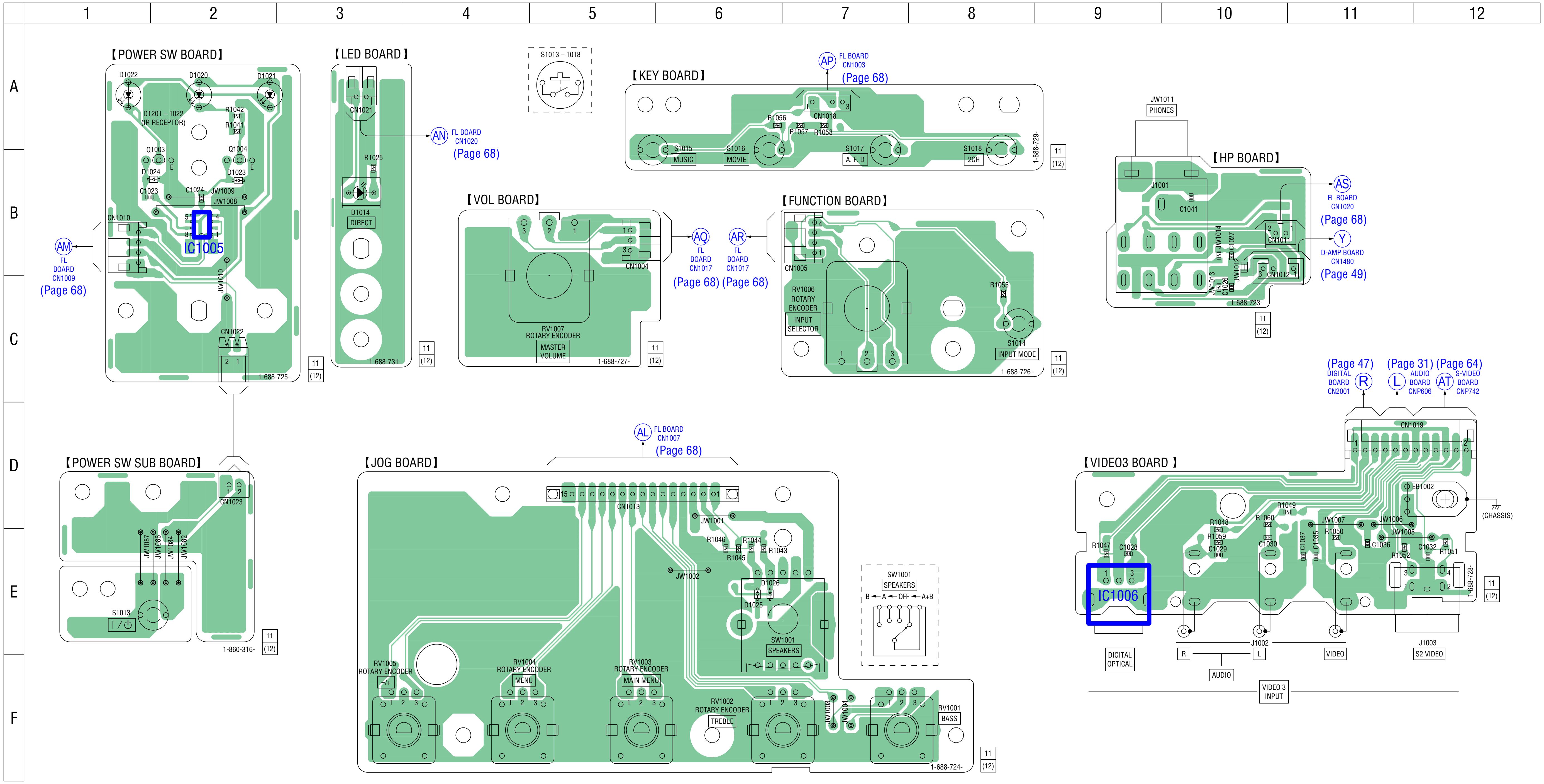

• **Semiconductor Location**

| Ref. No. | Location |
|---|---|
| D1002 | B-5 |
| D1003 | C-9 |
| D1013 | C-12 |
| D1015 | D-6 |
| D1016 | D-6 |
| D1017 | D-6 |
| D1018 | D-6 |
| D1019 | C-6 |
| D1027 | C-12 |
| IC1001 | A-12 |
| IC1002 | B-7 |
| IC1003 | B-8 |
| IC1004 | B-9 |
| Q1001 | C-5 |
| Q1002 | C-5 |

## 6-51. SCHEMATIC DIAGRAM – FL Board –



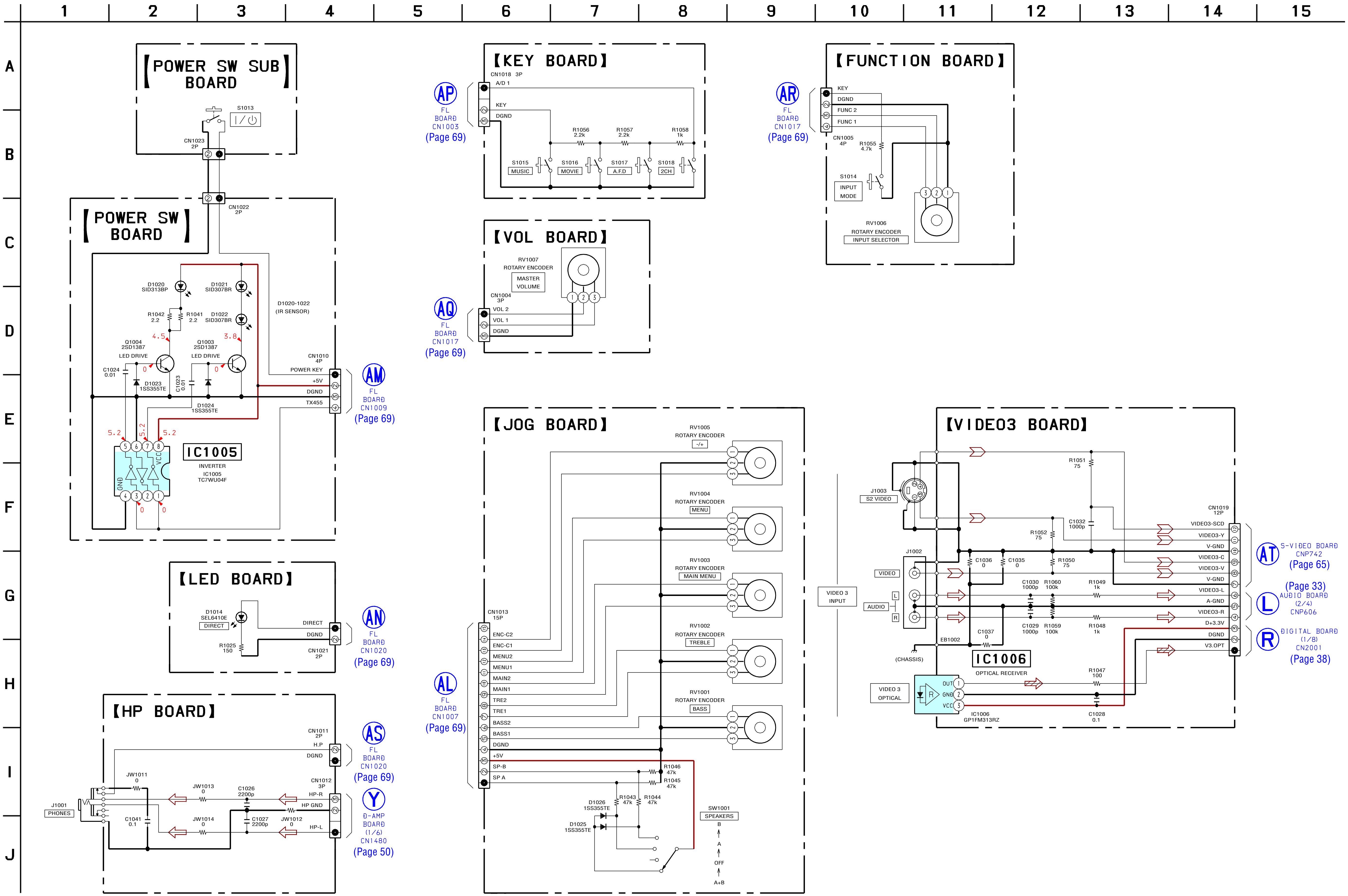
## 6-52. PRINTED WIRING BOARDS – PANEL Section – • See page 29 for Circuit Boards Location. :Uses unleaded solder.




- **Semiconductor Location**

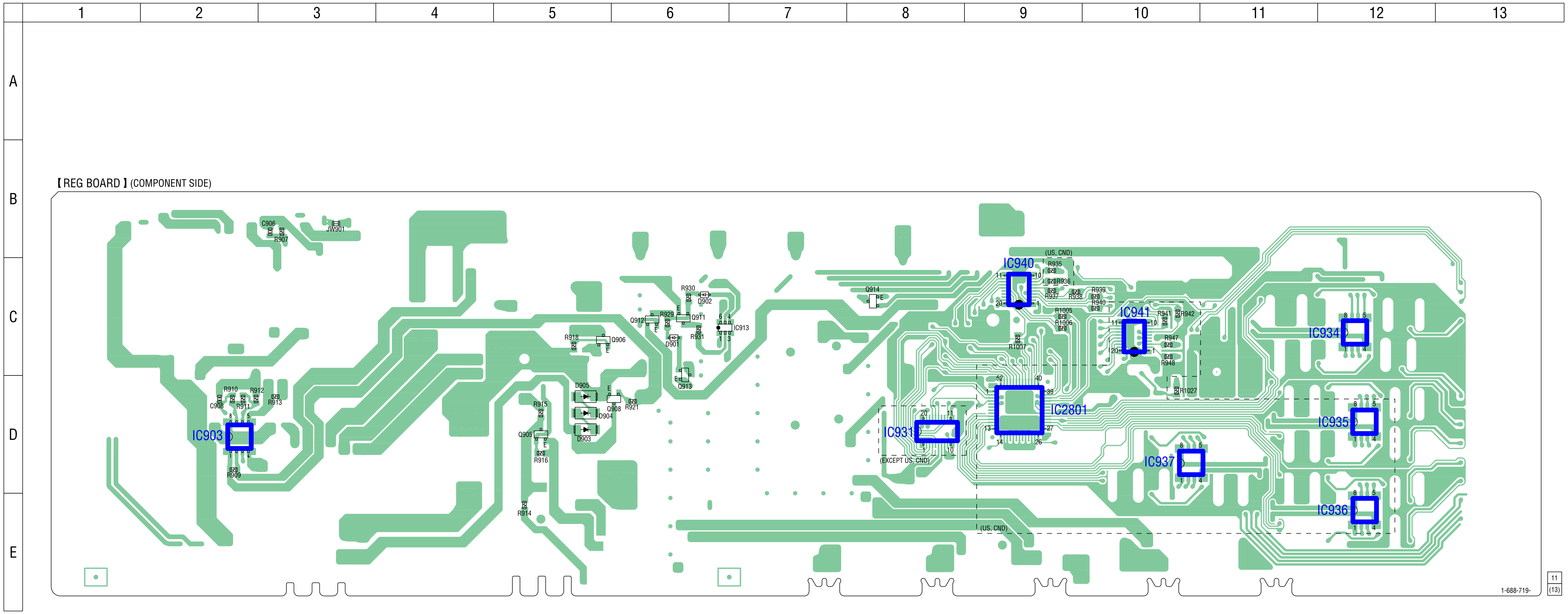
| Ref. No. | Location |
|---|---|
| D1014 | B-3 |
| D1020 | A-2 |
| D1021 | A-2 |
| D1022 | A-1 |
| D1023 | B-2 |
| D1024 | B-2 |
| D1025 | E-6 |
| D1026 | E-6 |
| IC1005 | B-2 |
| IC1006 | E-9 |
| Q1003 | B-2 |
| Q1004 | B-2 |

6-53. SCHEMATIC DIAGRAM – PANEL Section –



## 6-54. PRINTED WIRING BOARD – REG Section (Component Side) –

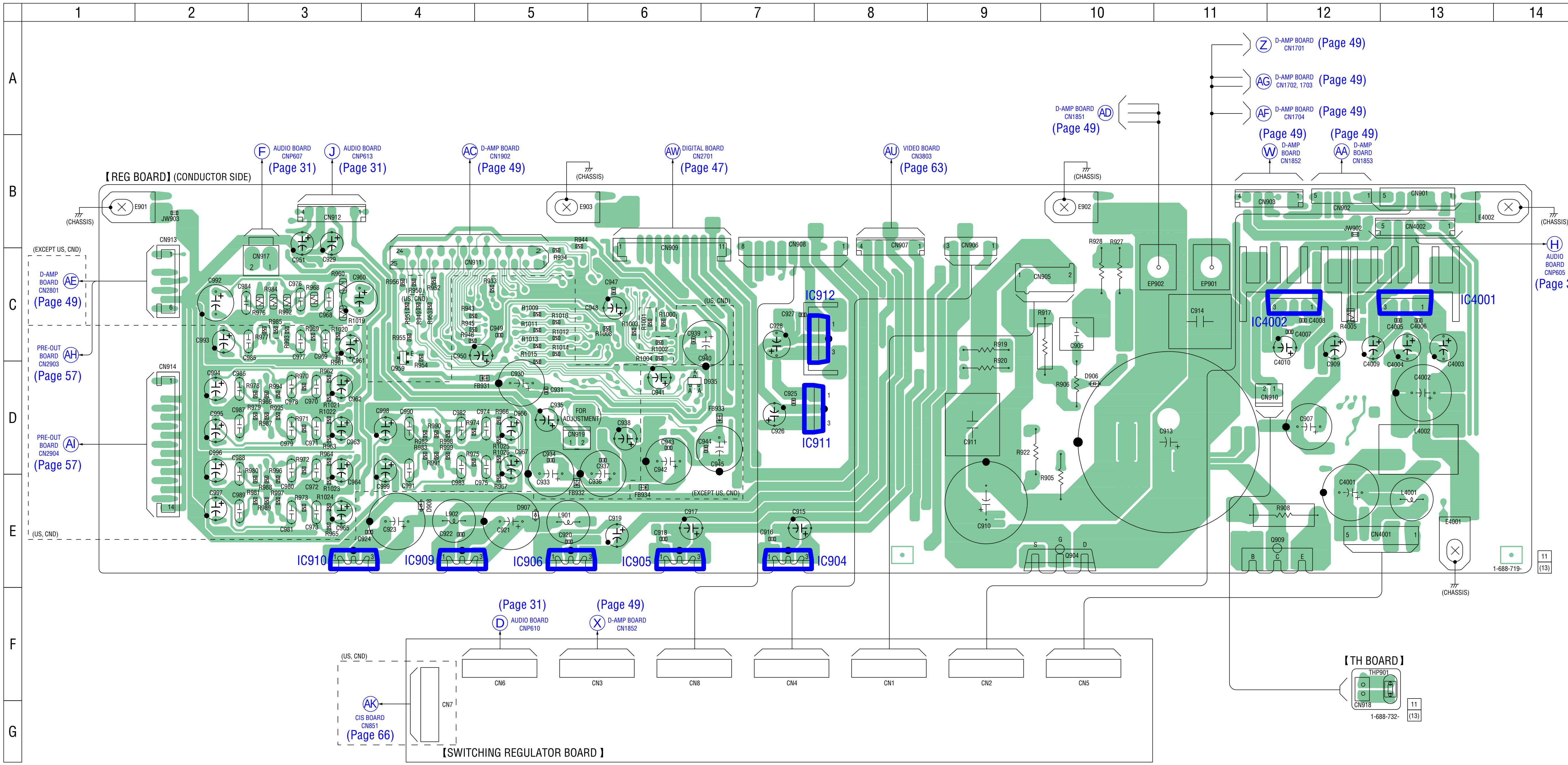
• See page 29 for Circuit Boards Location. :Uses unleaded solder.




• **Semiconductor Location**

| Ref. No. | Location |
|---|---|
| D901 | C-6 |
| D902 | C-6 |
| D903 | D-5 |
| D904 | D-5 |
| D905 | D-5 |
| IC903 | D-2 |
| IC913 | C-6 |
| IC931 | D-8 |
| IC934 | C-12 |
| IC935 | D-12 |
| IC936 | E-12 |
| IC937 | D-0 |
| IC940 | C-9 |
| IC941 | C-10 |
| IC2801 | D-9 |
| Q905 | D-5 |
| Q906 | C-5 |
| Q908 | E-6 |
| Q911 | C-6 |
| Q912 | C-6 |
| Q913 | C-6 |
| Q914 | C-8 |

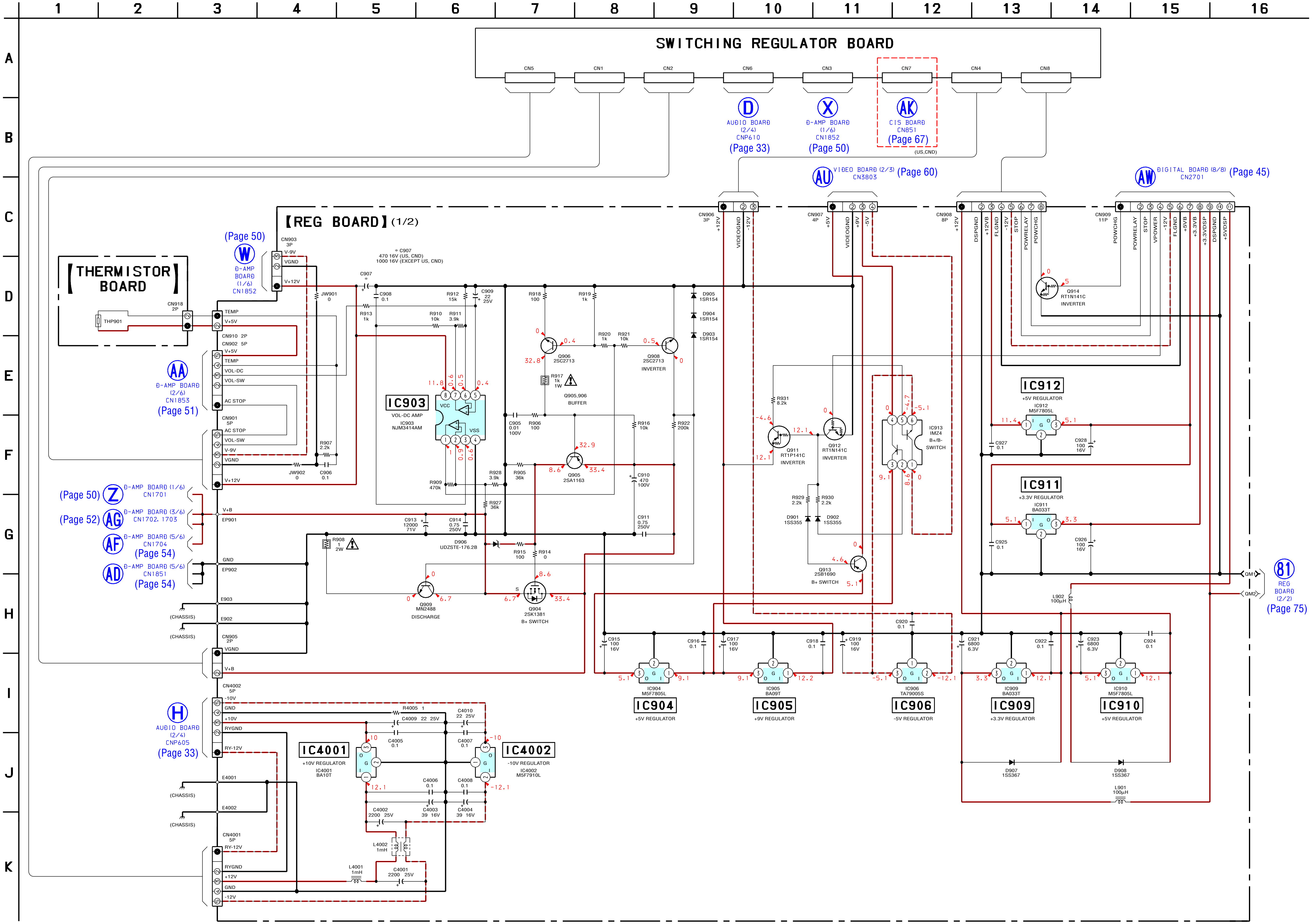
**6-55. PRINTED WIRING BOARDS – REG Section (Conductor Side) –** • See page 29 for Circuit Boards Location. :Uses unleaded solder.




• **Semiconductor Location**

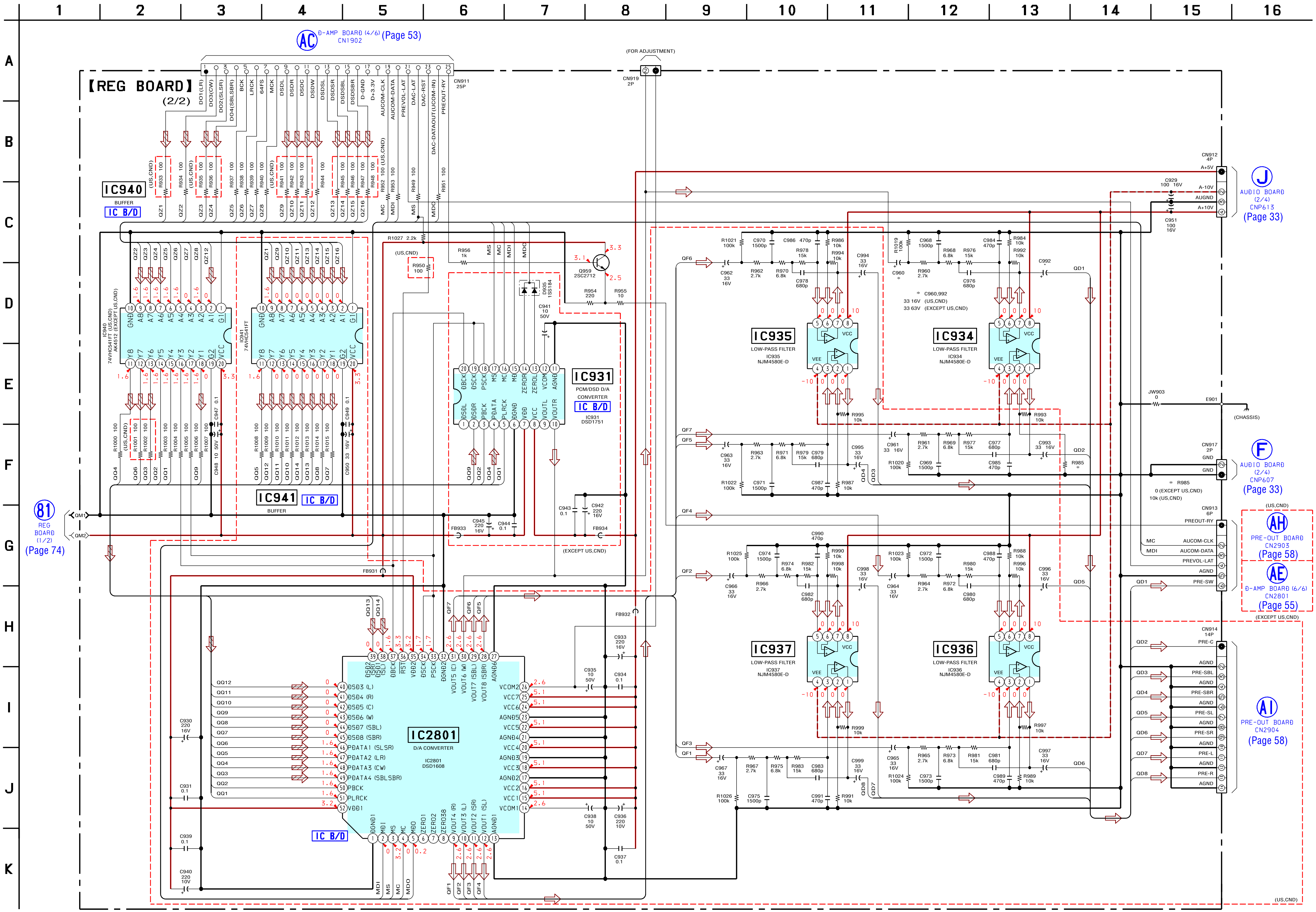
| Ref. No. | Location |
|---|---|
| D906 | D-10 |
| D907 | E-5 |
| D908 | E-4 |
| D935 | D-6 |
| IC911 | D-8 |
| IC912 | C-8 |
| IC4001 | C-13 |
| IC4002 | C-12 |
| Q959 | C-4 |

## 6-56. SCHEMATIC DIAGRAM – REG Section (1/2) –




| The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified. | Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié. |
|---|---|

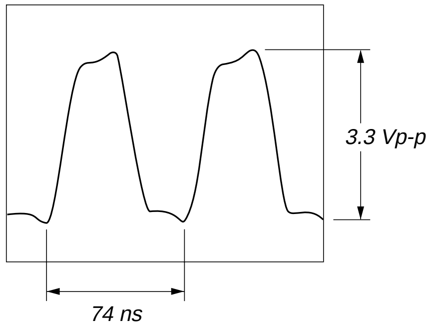
## 6-57. SCHEMATIC DIAGRAM – REG Section (2/2) – • See page 77 for IC Block Diagrams.



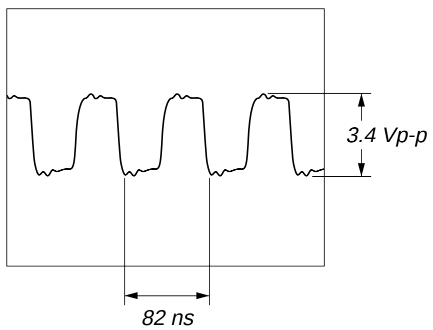
• **Waveforms**

**– DIGITAL Board –**

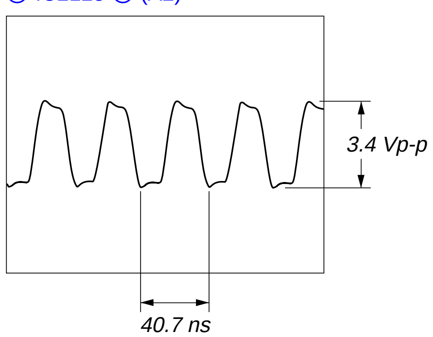
① IC2201 ⑫ (MCLK2)



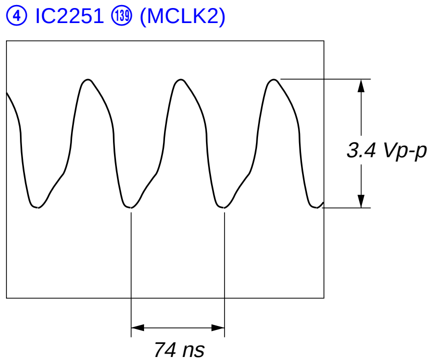

② IC2121 ㉒ (XIN)



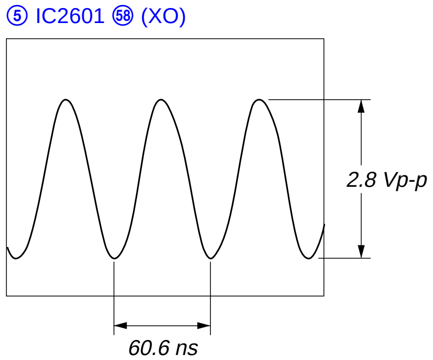

③ IC2125 ③ (A2)



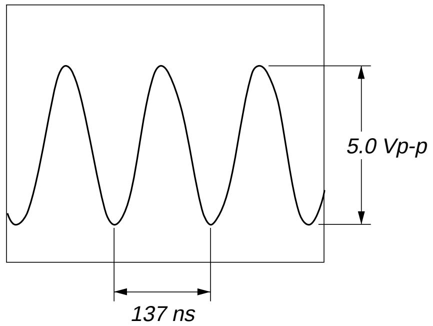

④ IC2251 ⑲ (MCLK2)




⑤ IC2601 (58) (XO)

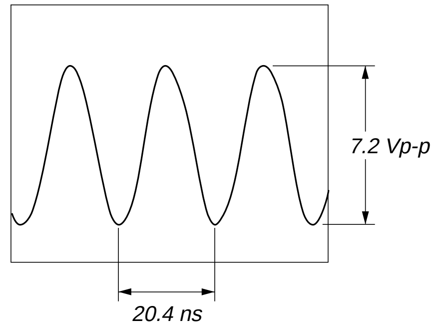



⑥ IC2701 ⑯ (XOUT)

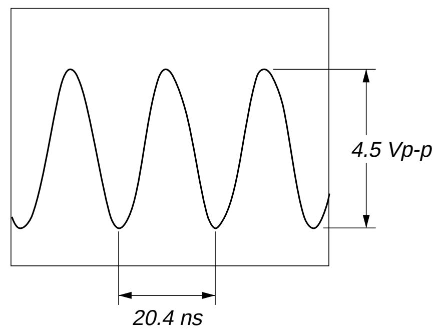



**– D-AMP Board –**

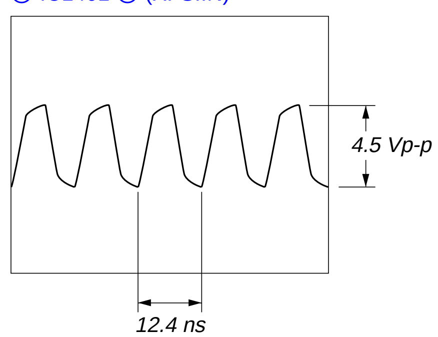
⑪ IC1471 ④ (Y)



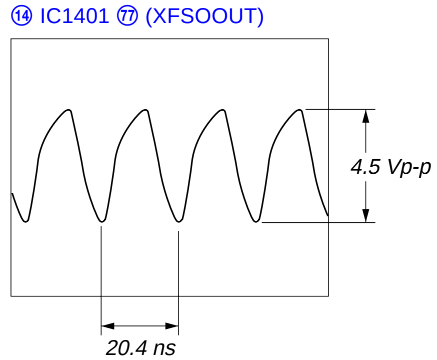

⑫ IC1401 ㉘ (XFSOIN)



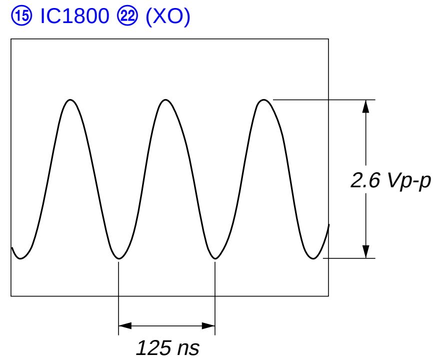

⑬ IC1401 (64) (XFSIIN)




⑭ IC1401 (77) (XFSOOUT)

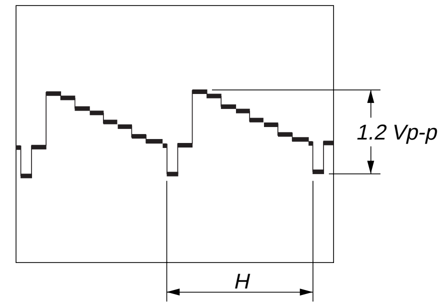



⑮ IC1800 ㉒ (XO)

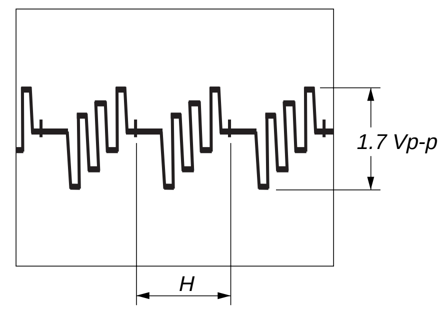



**– VIDEO Board –**

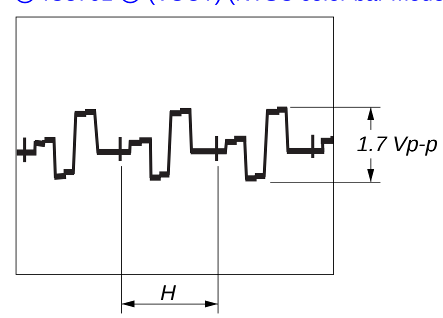
㉑ IC3701 ⑱ (YOUT) (NTSC color bar mode)



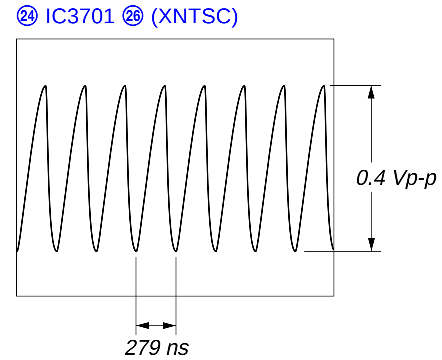

㉒ IC3701 ⑲ (UOUT) (NTSC color bar mode)



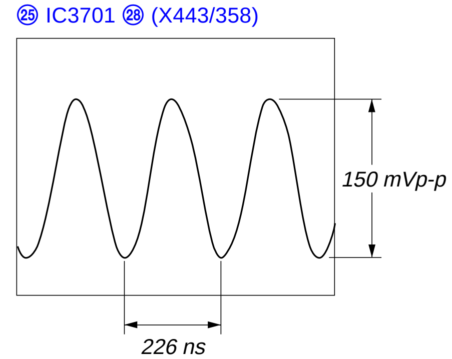

㉓ IC3701 ⑳ (VOUT) (NTSC color bar mode)



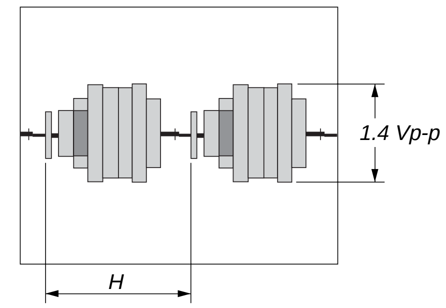

㉔ IC3701 ㉖ (XNTSC)



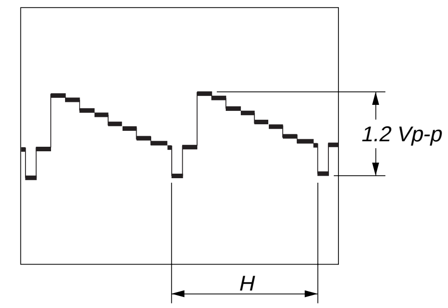

㉕ IC3701 ㉘ (X443/358)



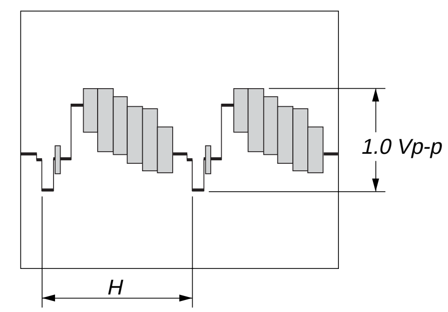

㉖ IC3701 ㉜ (CIN) (NTSC color bar mode)



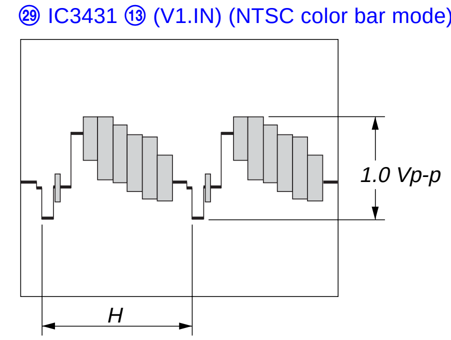

㉗ IC3701 ㉞ (CVBS/Y IN)
(NTSC color bar mode)



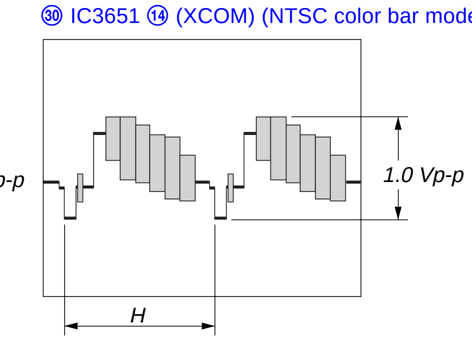

㉘ IC3451 ④ (VOUT1)
(NTSC color bar mode)



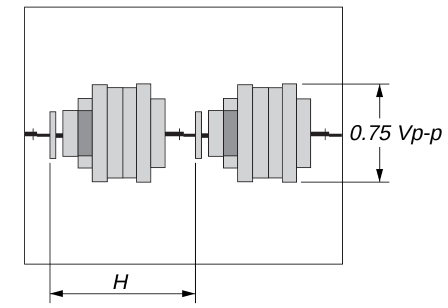

㉙ IC3431 ⑬ (V1.IN) (NTSC color bar mode)



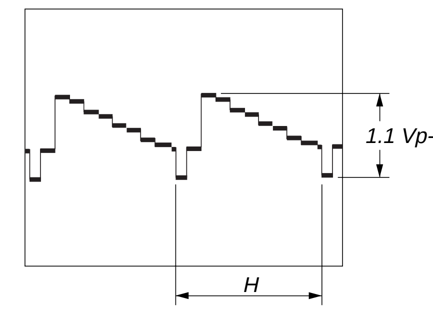

㉚ IC3651 ⑭ (XCOM) (NTSC color bar mode)




㉛ IC3601 ⑦ (ACO) (NTSC color bar mode)



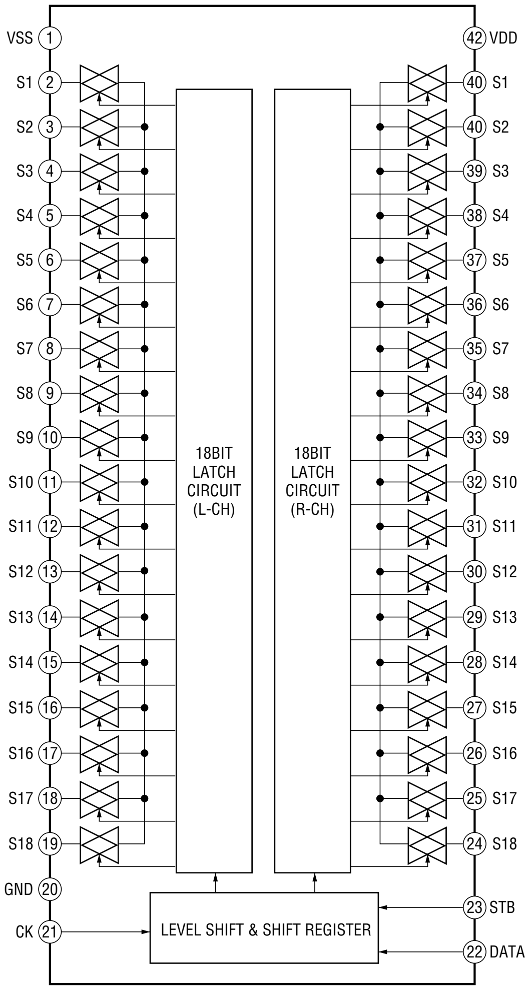

㉜ IC3601 ⑨ (AYO) (NTSC color bar mode)



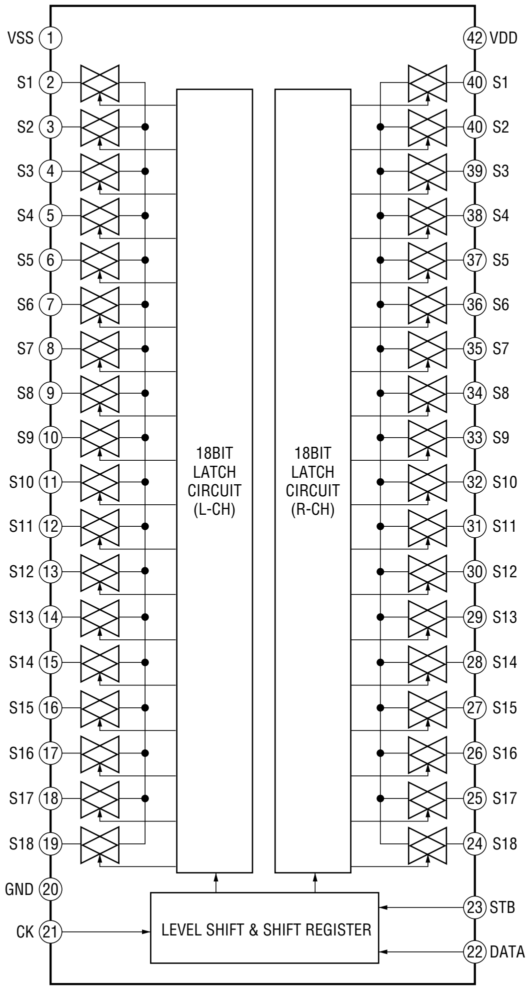
- **IC Block Diagrams**

**– AUDIO Board –**

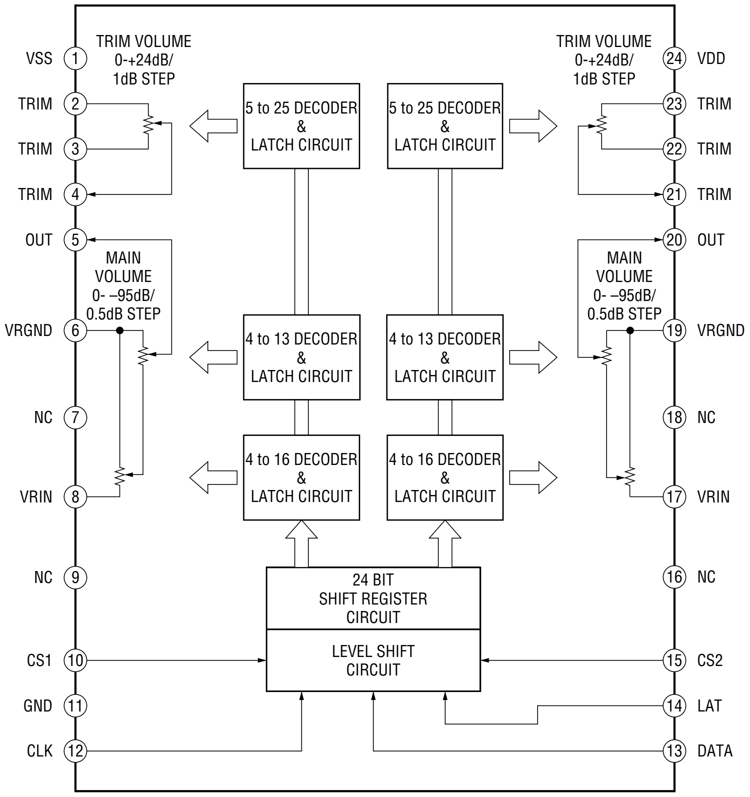
**IC326, 341 TC9274N-016**




**IC401, 501 TC9274N-015**

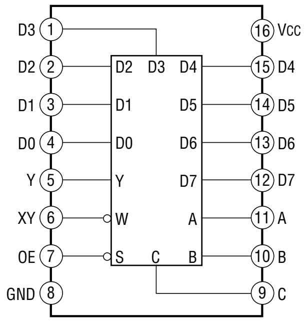


## IC642 CXD9725M

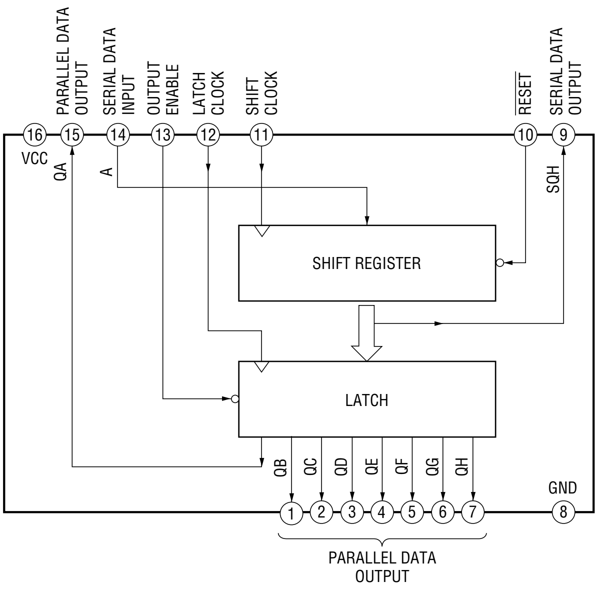



– DIGITAL Board –

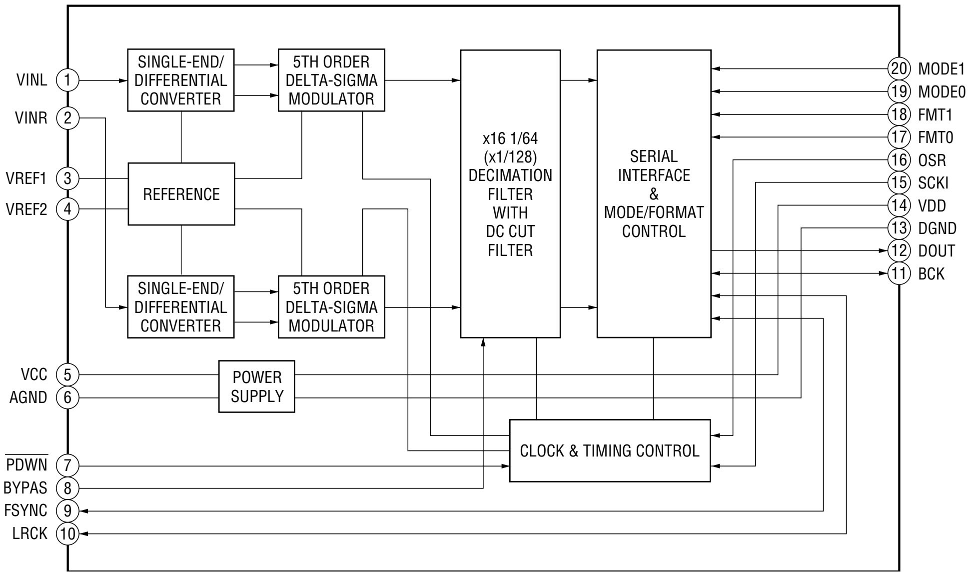
## IC2005 TC74HC151AF (EL)



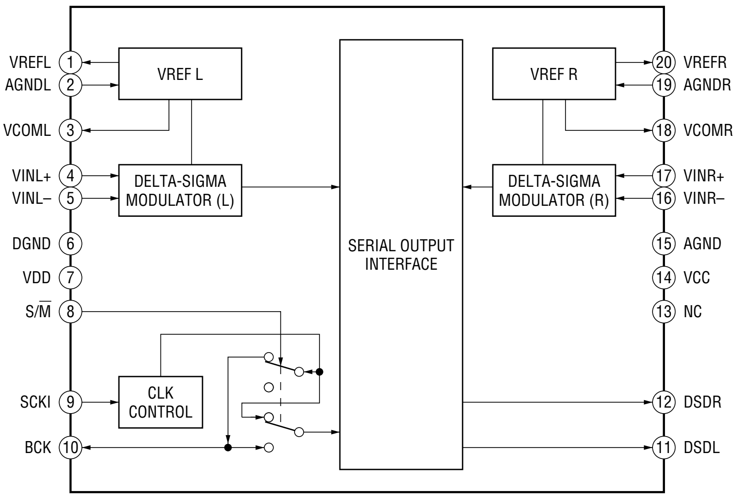

## IC2008, 2461, 2462 TC74HC595AF (EL)



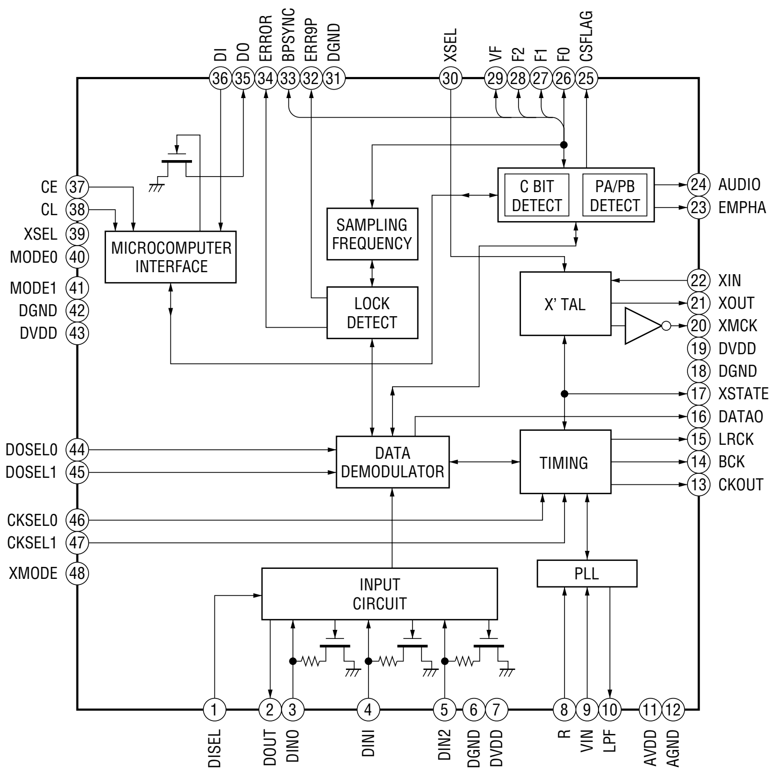
## IC2010 PCM1802DBR



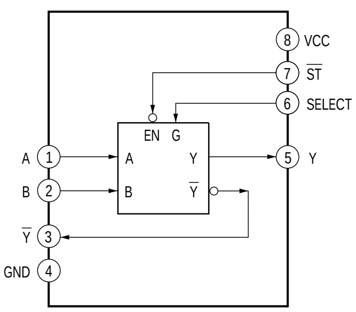

## IC2012–2015 DSD1800DBR



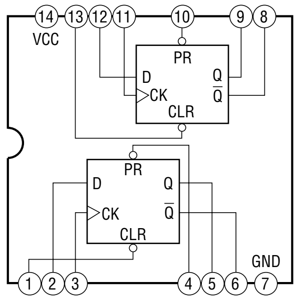
## IC2121 LC89056W-E



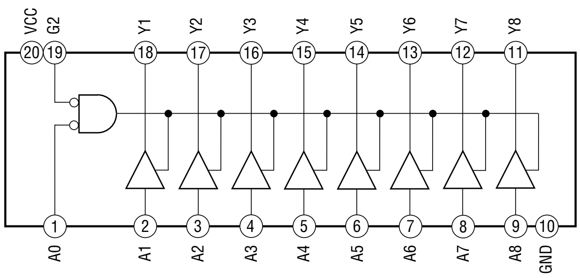

## IC2123, 2207 TC7WH157FU (TE12R)




## IC2429 TC74VHC74FT (EL)

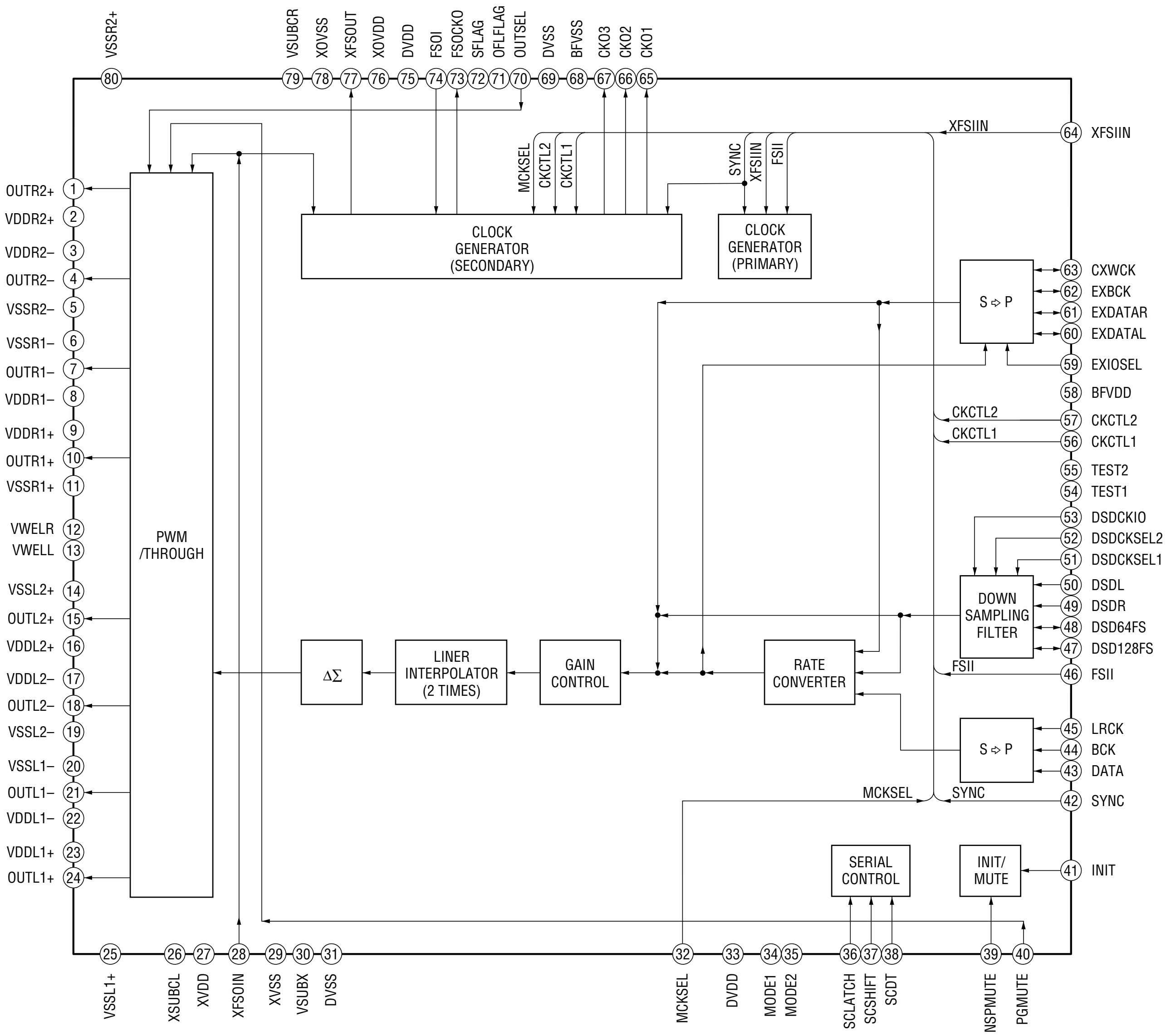



## IC2501–2503 TC74AC541FT (EL)

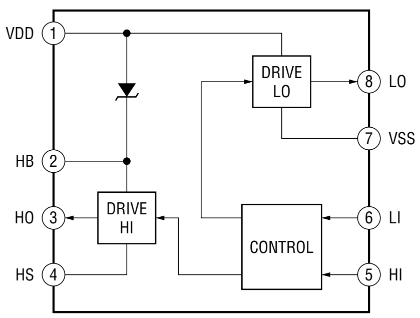


## – D-AMP Board –

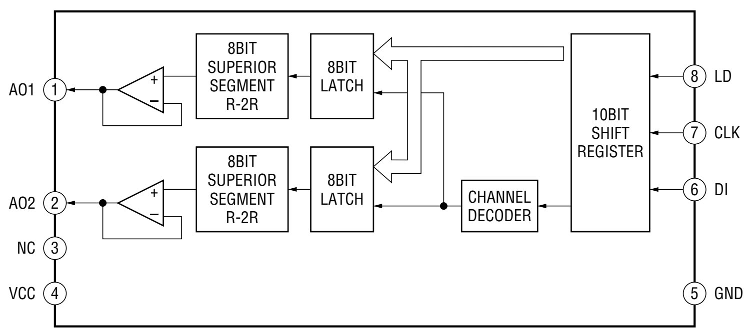
### IC1401–1404 CXD9730Q



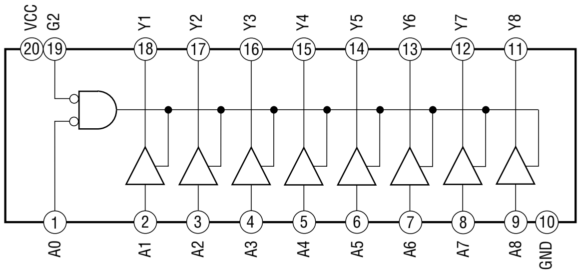

### IC1531–1537, 1541–1547 HIP2101IBZT



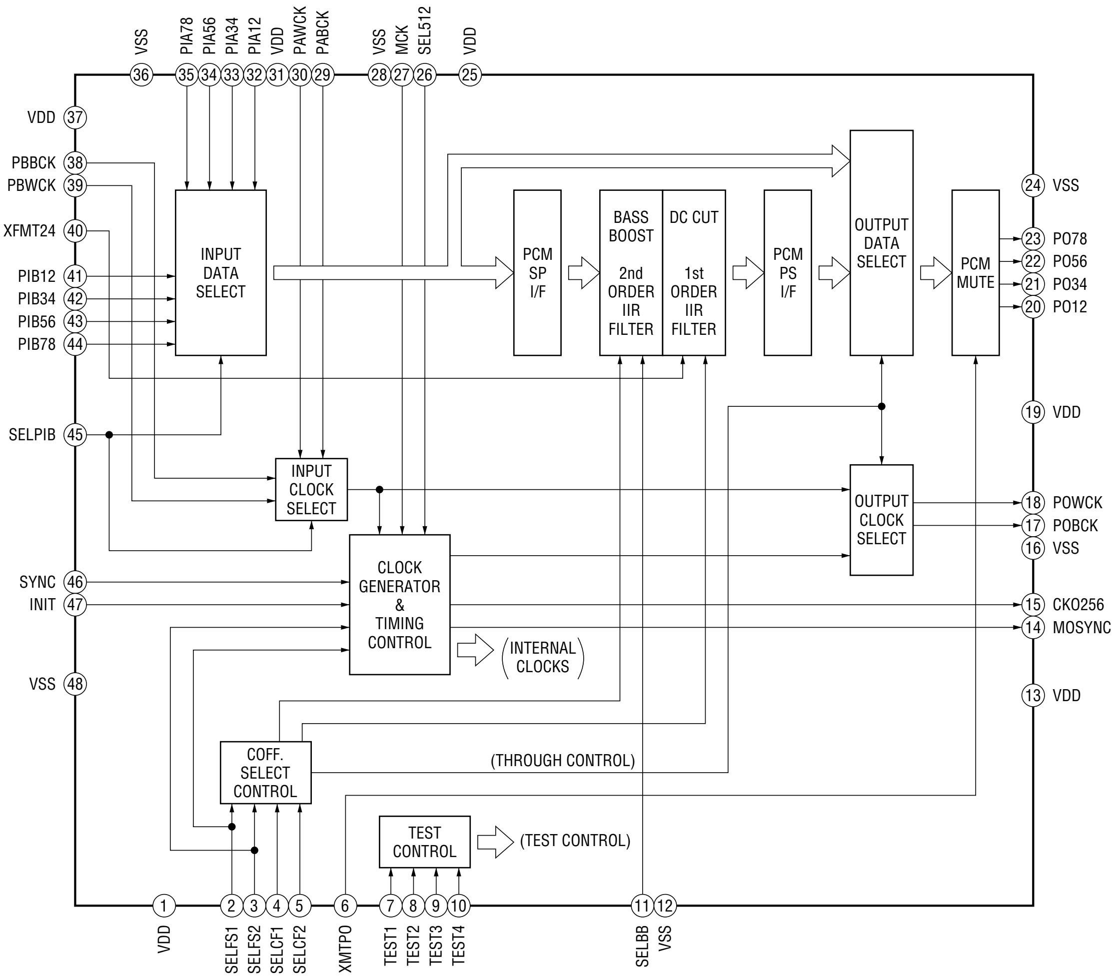

### IC1841 M62342FP



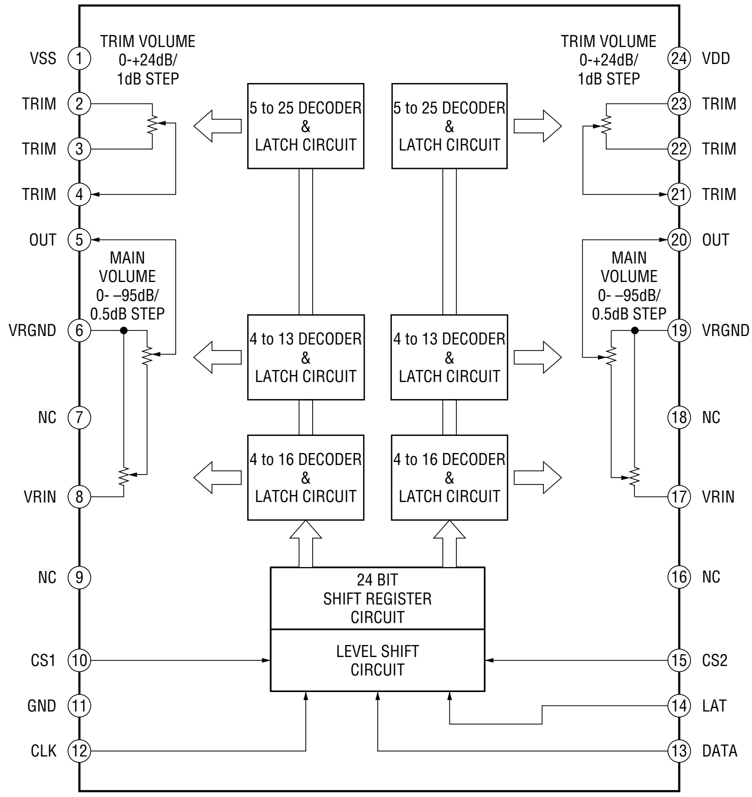
## IC1900, 1910, 1940 TC74VHC541FT (EL)




## IC1950 CXD9776AQ

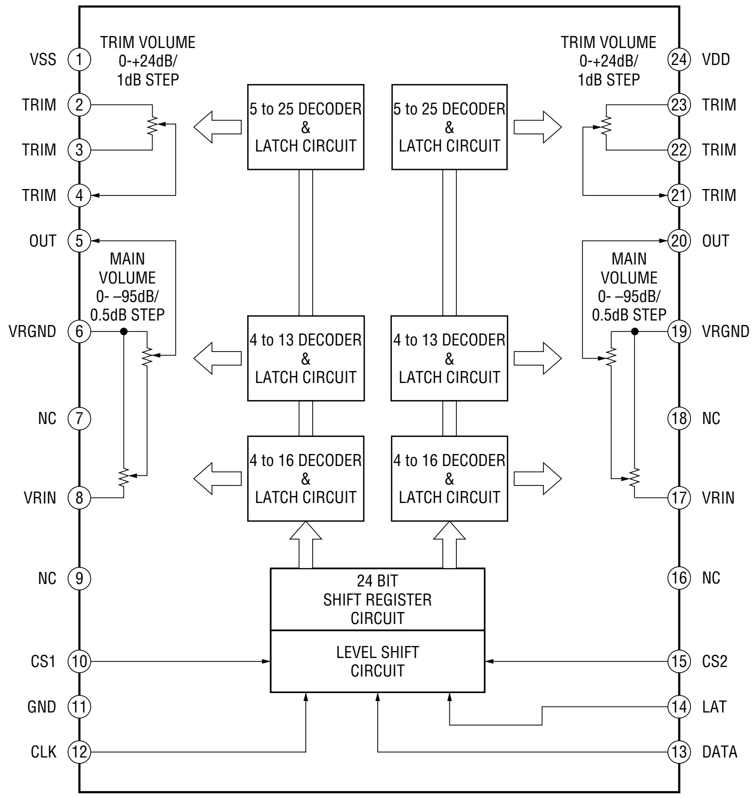


## IC2862 CXD9725M



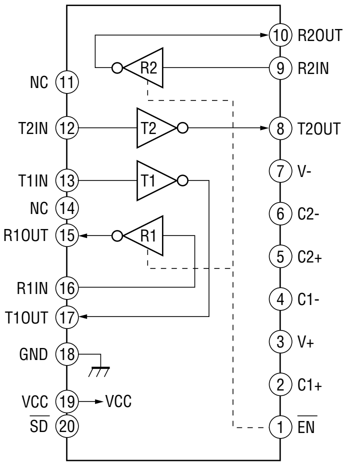

## – PRE-OUT Board –

## IC2812, 2862, 2912, 2962 CXD9725M

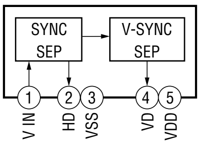


## – VIDEO Board –

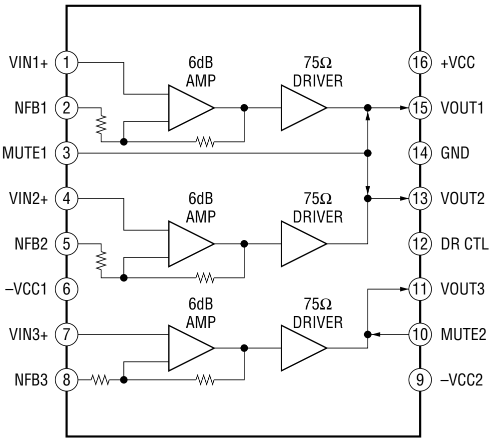
### IC3201 ADM3222ARU-REEL



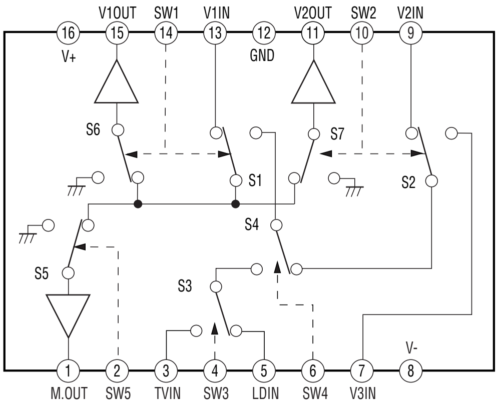

### IC3311, 3731 LA7213



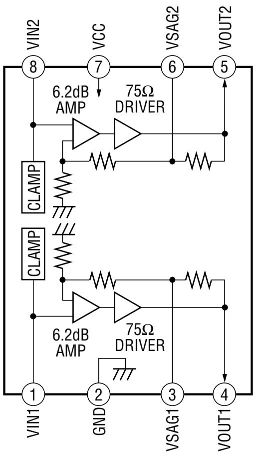

### IC3321 LA7106M-TLM



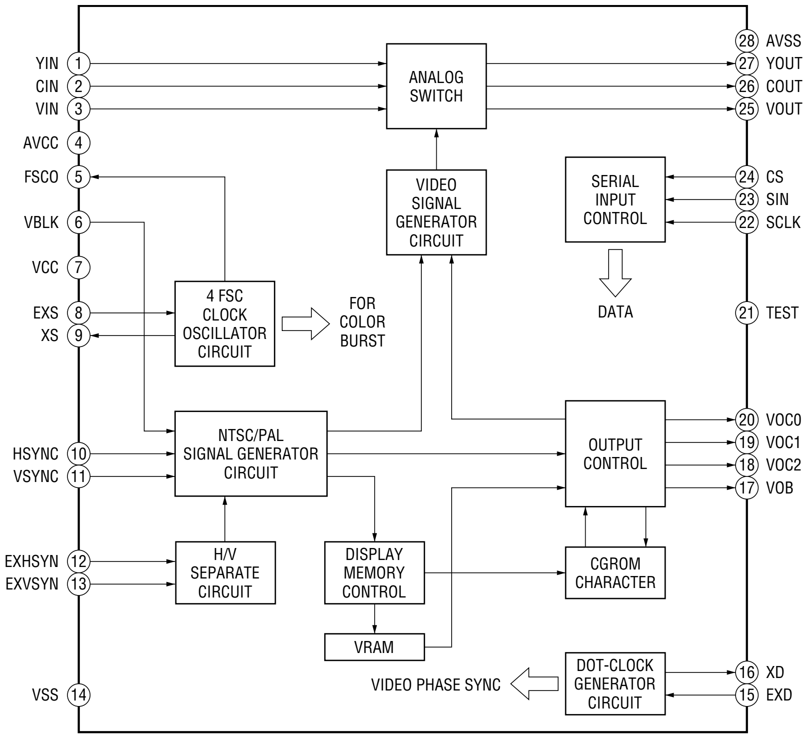

### IC3421, 3431 NJM-2296M-TE2



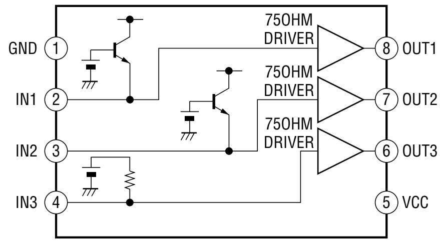

### IC3451, 3641 NJM2267M (TE2)



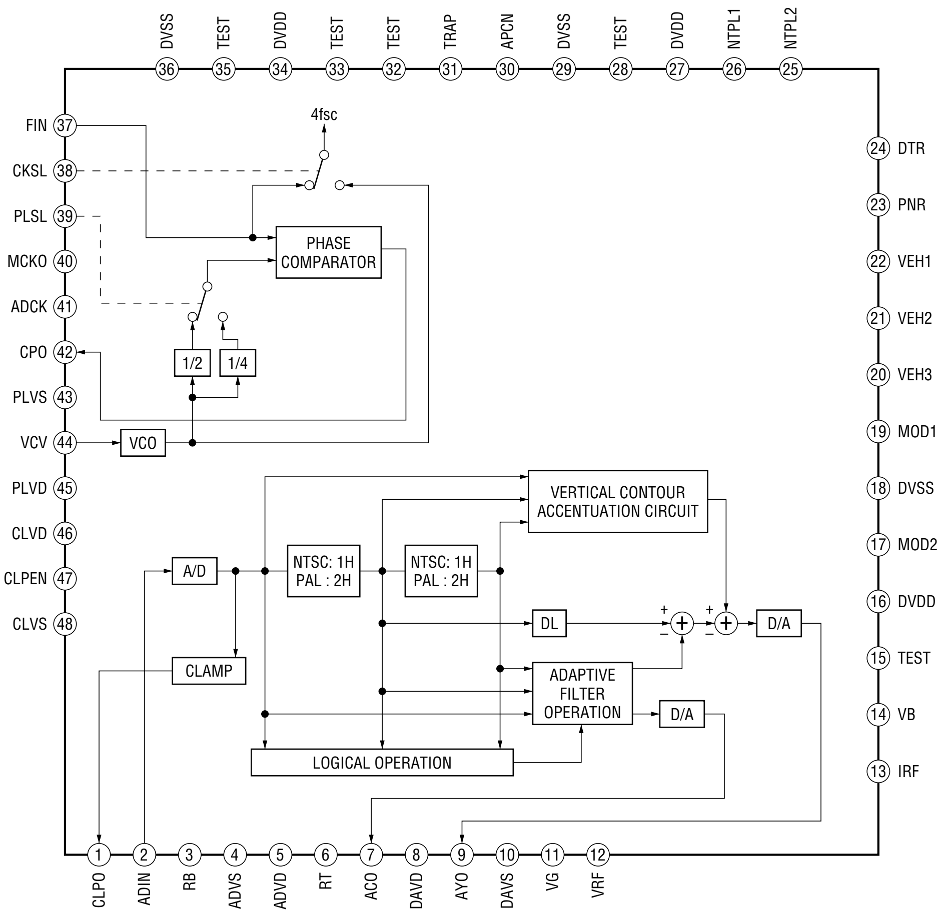
## IC3501 MB90089F-G-238-BND



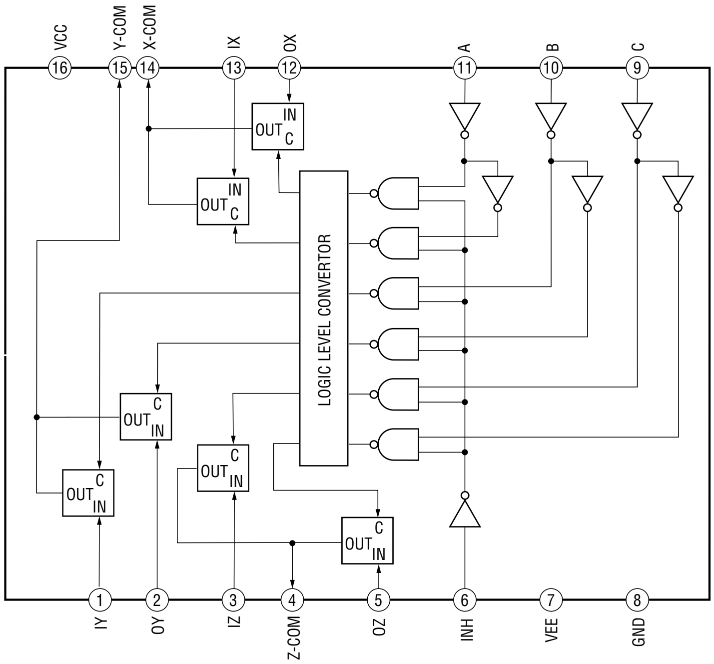

## IC3521 BA7622F-E2-A



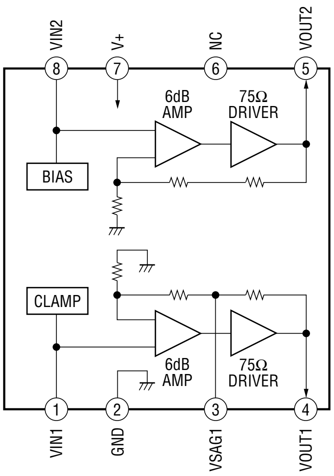

## IC3601 CXD2064Q



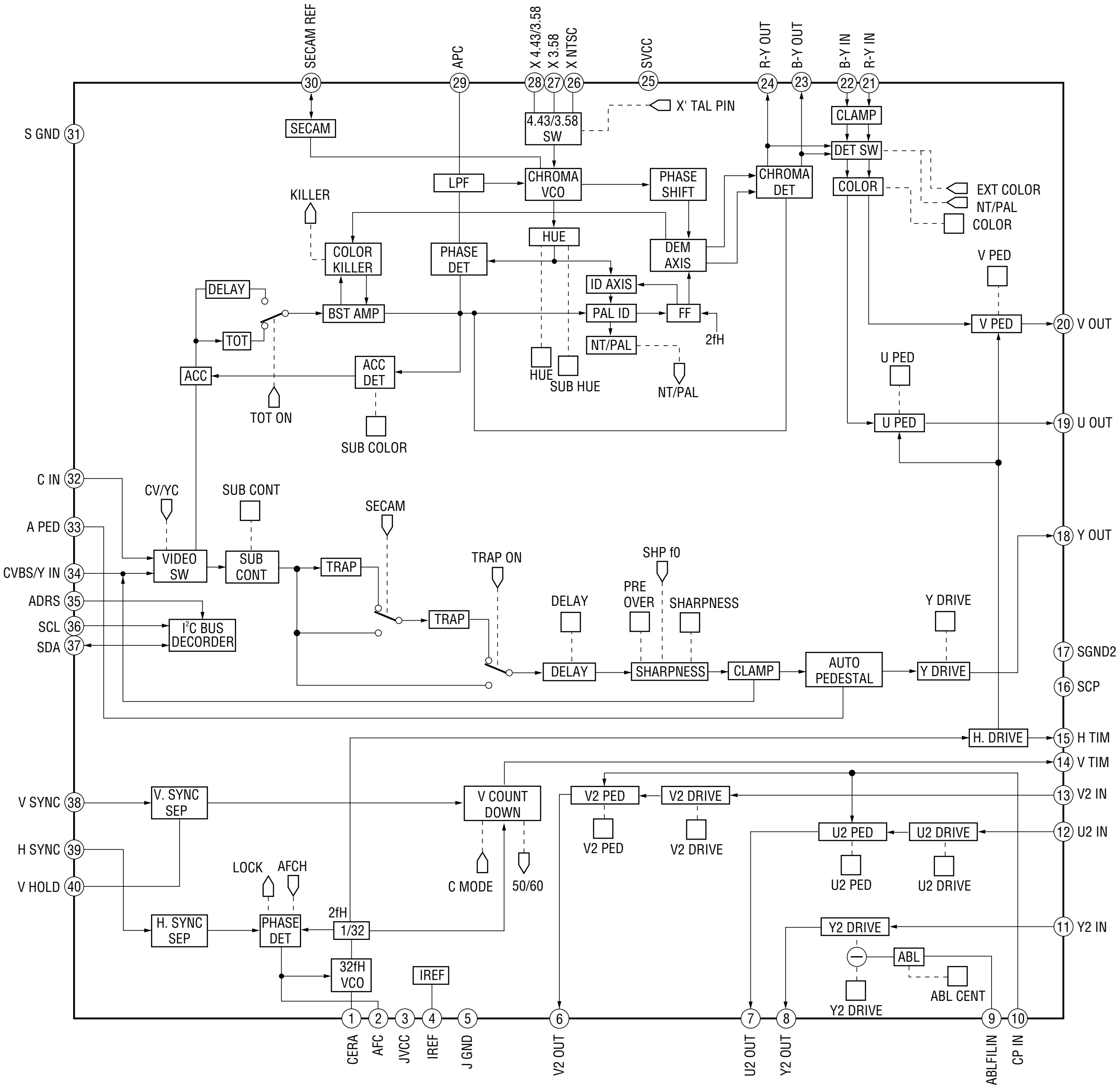
## IC3651, 3661, 3751 TC74HC4053AFEL



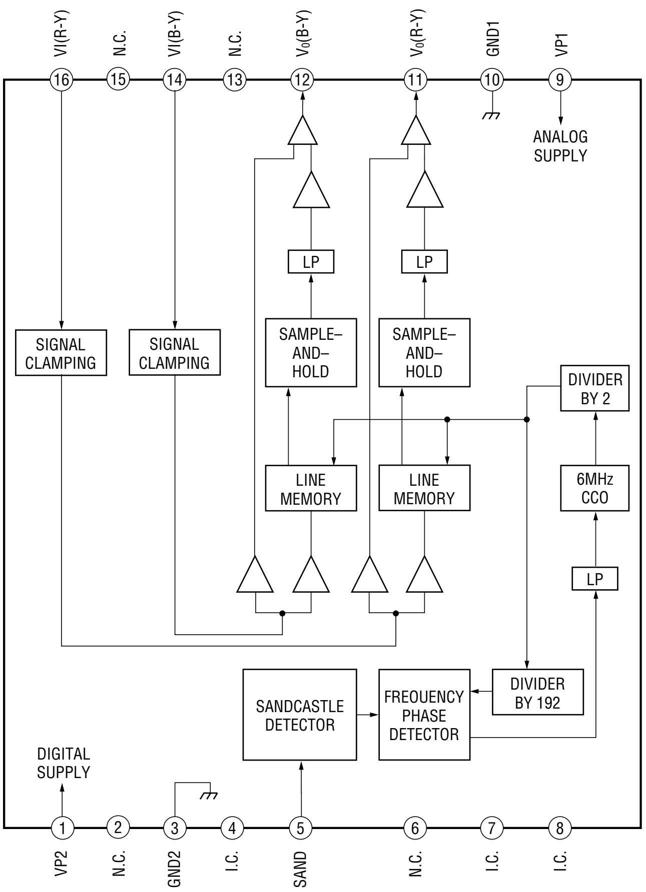

## IC3671, 3741 NJM2268V (TE2)



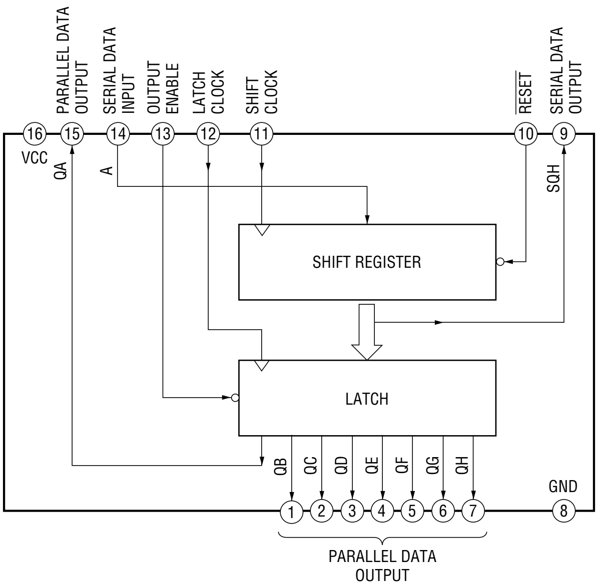
## IC3701 CXA2199Q



## IC3721 TDA4665T/V5-118

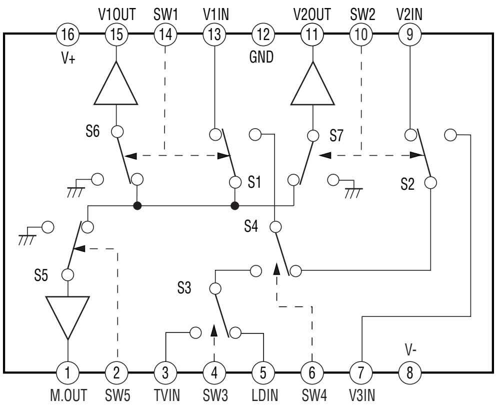



## IC3812, 3813 TC74HC595AF (EL)

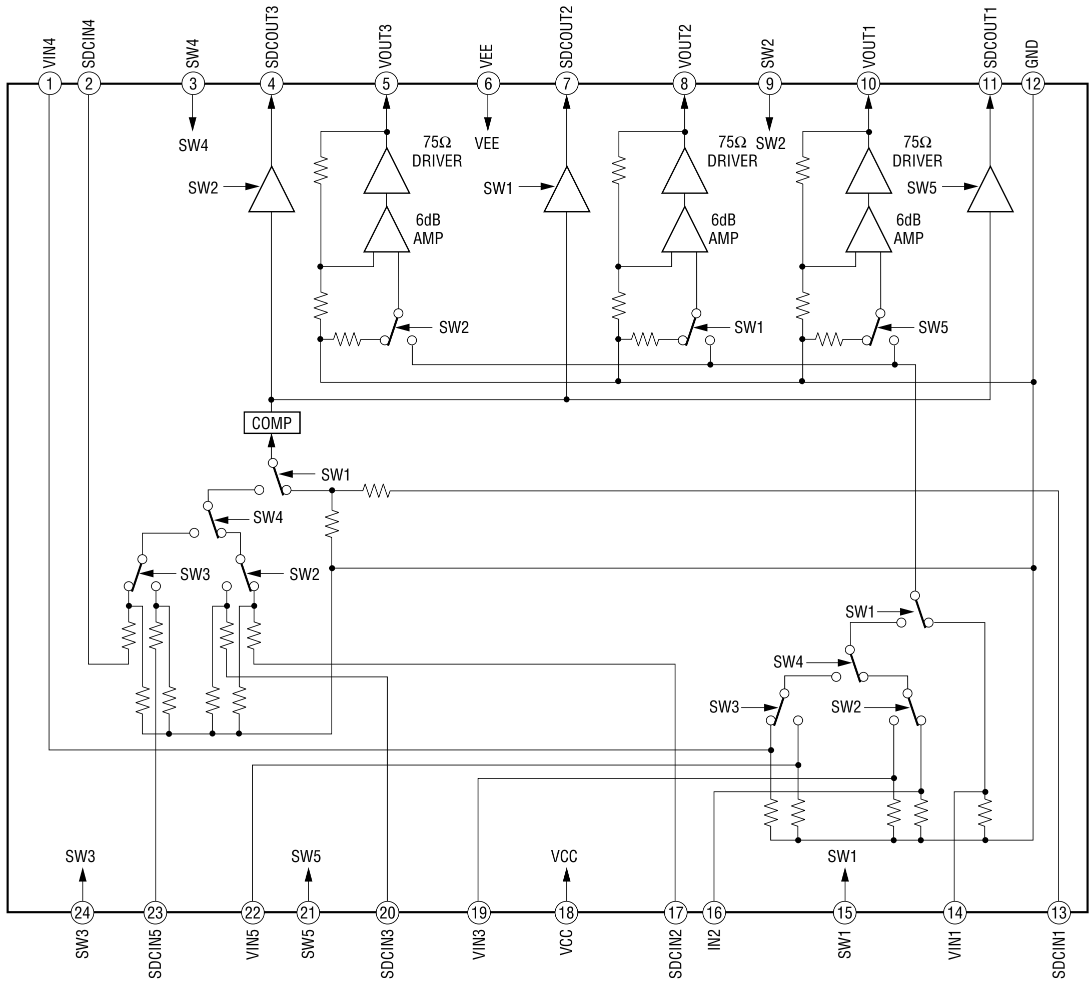



## – S-VIDEO Board –

## IC701 NJM-2296M-TE2

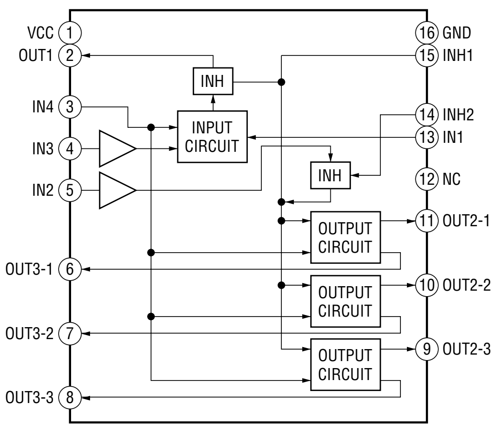


## IC702 NJM2596M (TE2)



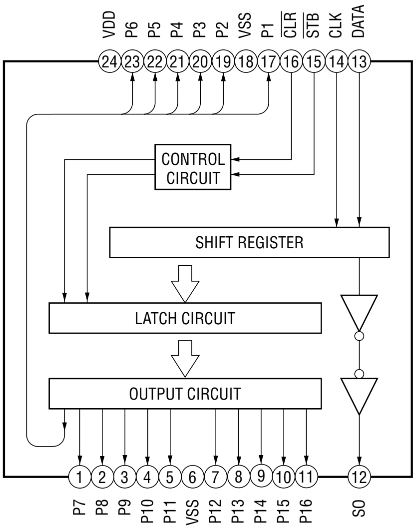

## – CIS Board –

## IC861 NJM2145M-TE2



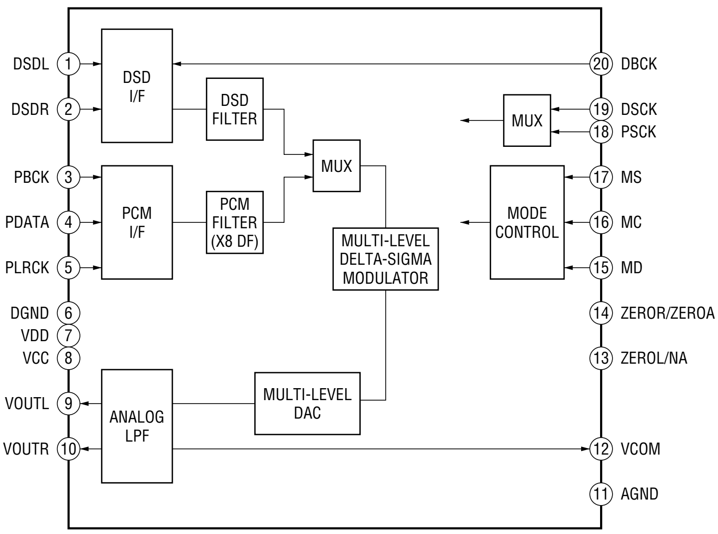
– FL Board –

## IC1004 NJU3716M-T2

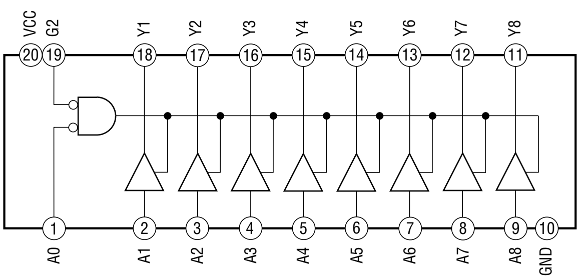



– REG Board –

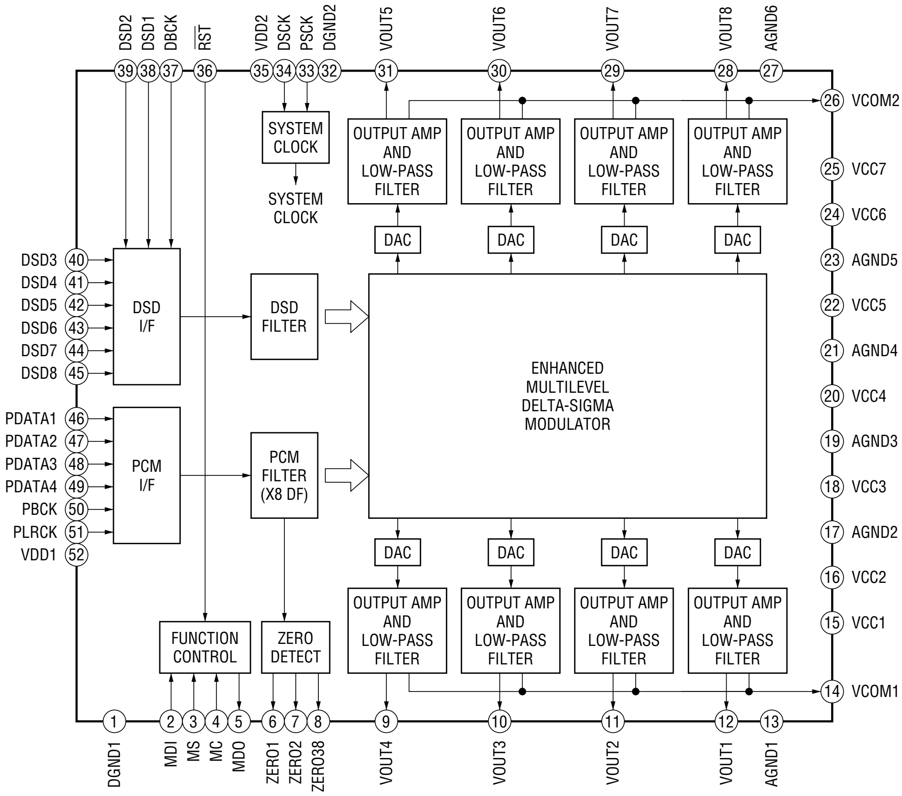
## IC931 DSD1751DBQR




## IC940, 941 TC74VHC541FT (EL)



## IC2801 DSD1608PAHR



## 6-58. IC PIN FUNCTION DESCRIPTION

**• DIGITAL BOARD IC2121 LC89056W-E (DIGITAL AUDIO INTERFACE RECEIVER)**

| Pin No. | Pin Name | I/O | Description |
|---|---|---|---|
| 1 | DISEL | I | Selection signal input terminal of data input terminal Fixed at “L” in this set |
| 2 | DOUT | O | Digital data output to the external output terminal Not used |
| 3 | DIN0 | I | Digital data input from the external input terminal |
| 4, 5 | DIN1,DIN2 | I | Digital data input from the external input terminal Fixed at “L” in this set |
| 6 | D. GND | — | Ground terminal (for digital) |
| 7 | DVDD | — | Power supply terminal (+3.3V) (for digital) |
| 8 | R | I | Input terminal for VCO gain control |
| 9 | VIN | I | Input terminal for VCO free-run frequency setting |
| 10 | LPF | O | PLL loop filter setting terminal |
| 11 | AVDD | — | Power supply terminal (+3.3V) (for analog) |
| 12 | AGND | — | Ground terminal (for analog) |
| 13 | CKOUT | O | Audio clock signal output to the selector |
| 14 | BCK | O | Bit clock signal (2.8224 MHz) output to the digital signal processor and A/D converter |
| 15 | LRCK | O | L/R sampling clock signal (44.1 kHz) output to the digital signal processor and A/D converter |
| 16 | DATAO | O | Audio serial data output to the digital signal processor and main system controller |
| 17 | XSTATE | O | Source clock selection monitor output to the main system controller |
| 18 | DGND | — | Ground terminal (for digital) |
| 19 | DVDD | — | Power supply terminal (+3.3V) (for digital) |
| 20 | XMCK | O | System clock signal (12.288 MHz) output to the A/D converter |
| 21 | XOUT | O | System clock output terminal (12.288 MHz) Not used |
| 22 | XIN | I | System clock input terminal (12.288 MHz) |
| 23 | EMPHA | O | Channel status emphasis information output terminal Not used |
| 24 | AUDIO | O | Channel status bit 1 output to the digital signal processor |
| 25 | CSFLAG | O | Channel status head 40 bit renewal flag output terminal Not used |
| 26 to 29 | F0/P0/C0 to F3/P3/C3 | O | Output terminal of input frequency calculation result Not used |
| 30 | DVDD | — | Power supply terminal (+3.3V) (for digital) |
| 31 | DGND | — | Ground terminal (for digital) |
| 32 | AUTO | O | Not used |
| 33 | BPSYNC | O | Non-PCM burst preamble sync signal output terminal Not used |
| 34 | ERROR | O | PLL lock error signal and data error flag output to the digital signal processor and main system controller |
| 35 | DO | O | Read data output to the main system controller |
| 36 | DI | I | Write data input from the main system controller |
| 37 | CE | I | Chip enable signal input from the main system controller |
| 38 | CLK | I | Clock signal input from the main system controller |
| 39 | XSEL | I | Selection signal input terminal of crystal oscillator frequency Fixed at “H” in this set |
| 40, 41 | MODE0, MODE1 | I | Mode setting terminal Fixed at “L” in this set |
| 42 | DGND | — | Ground terminal (for digital) |
| 43 | DVDD | — | Power supply terminal (+3.3V) (for digital) |
| 44, 45 | DOSEL0, DOSEL1 | I | Output data format selection signal input terminal Fixed at “L” in this set |
| 46 | CKSEL0 | I | Output clock selection signal input terminal Fixed at “L” in this set |
| 47 | CKSEL1 | I | Output clock selection signal input from the main system controller |
| 48 | XMODE | I | System reset signal input from the main system controller “L”: reset |

| Pin No. | Pin Name | I/O | Description |
|---|---|---|---|
| 50 | RY | O | Relay drive signal output terminal |
| 51 | SHIFT | O | Serial data transfer clock signal output to the PCM/PWM processor |
| 52 | /SO1 SCDT | O | Serial data output to the PCM/PWM processor |
| 53 | /SI1 SR-B | O | Relay drive signal output terminal   Not used |
| 54 | C RY | O | Not used (open) |
| 55 | SB RY | O | Not used (open) |
| 56 | VCC | — | Power supply terminal (+3.3V) |
| 57 | SP RY | O | Relay drive signal output terminal   Not used (open) |
| 58 | HP RY | O | Relay drive signal output terminal (for headphone) |
| 59 | — | I | Not used (open) |
| 60 | U-SUB2 | O | Serial data signal output to main system controller |
| 61 | — | I | Not used (open) |
| 62 | FORMAT | I | Not used (connected to VDD) |
| 63 | HENCYO | I | Not used (connected to VDD) |
| 64 | MUTE | I | Muting on/off control signal output terminal   Not used (open) |

**• DIGITAL BOARD IC2201 CXD9718Q (DIGITAL SIGNAL PROCESSOR)**

| Pin No. | Pin Name | I/O | Description |
|---|---|---|---|
| 1 | VSS | — | Ground terminal |
| 2 | XRST | I | System reset signal input from the main system controller "L": reset |
| 3 | EXTIN | I | Master clock signal input terminal Not used |
| 4 | FS2 | I | Sampling frequency selection signal input terminal Not used |
| 5 | VDDI | — | Power supply terminal (+2.5V) |
| 6 | FS1 | I | Sampling frequency selection signal input terminal Not used |
| 7 | PLOCK | O | Internal PLL lock signal output terminal Not used |
| 8 | VSS | — | Ground terminal |
| 9 | MCLK1 | I | System clock input terminal (13.5 MHz) |
| 10 | VDDI | — | Power supply terminal (+2.5V) |
| 11 | VSS | — | Ground terminal |
| 12 | MCLK2 | O | System clock output terminal (13.5 MHz) |
| 13 | MS | I | Master/slave setting terminal "L": internal clock, "H": external clock<br>Fixed at "L" in this set |
| 14 | SCKOUT | O | Internal system clock output terminal Not used |
| 15 | LRCKI1 | I | L/R sampling clock signal (44.1 kHz) input from the A/D converter and digital audio interface receiver |
| 16 | VDDE | — | Power supply terminal (+3.3V) |
| 17 | BCKI1 | I | Bit clock signal (2.8224 MHz) input from the A/D converter and digital audio interface receiver |
| 18 | SDI1 | I | Audio serial data input from the A/D converter |
| 19 | LRCKO | O | L/R sampling clock signal (44.1 kHz) output to the digital signal processor |
| 20 | BCKO | O | Bit clock signal (2.8224 MHz) output to the digital signal processor |
| 21 | VSS | — | Ground terminal |
| 22 | KFSIO | I | Audio clock signal input from the digital audio interface receiver |
| 23 to 26 | SDO1 to SDO4 | O | Audio serial data output to the digital signal processor |
| 27 | SPDIF | O | SPDIF signal output terminal Not used |
| 28 | LRCKI2 | I | L/R sampling clock signal (44.1 kHz) input from the A/D converter and digital audio interface receiver |
| 29 | BCKI2 | I | Bit clock signal (2.8224 MHz) input from the A/D converter and digital audio interface receiver |
| 30 | SDI2 | I | Audio serial data input from the digital audio interface receiver |
| 31 | VSS | — | Ground terminal |
| 32 | HACN | O | Acknowledge signal output to the main system controller |
| 33 | HDIN | I | Serial data input from the main system controller |
| 34 | HCLK | I | Serial data transfer clock signal input from the main system controller |
| 35 | HDOUT | O | Serial data output to the main system controller |
| 36 | HCS | I | Chip select input from the main system controller |
| 37 | SDCLK | I | Write signal input from the system controller Not used |
| 38 | CLKEN | O | SD-RAM chip enable output terminal Not used |
| 39 | RAS | O | Row address strobe signal output terminal Not used |
| 40 | VDDI | — | Power supply terminal (+2.5V) |
| 41 | VSS | — | Ground terminal |
| 42 | CAS | O | Column address strobe signal output terminal Not used |
| 43 | DQM/OE0 | O | Output terminal of data input/output mask Not used |
| 44 | CS0 | O | Chip select signal output to the S-RAM |
| 45 | WE0 | O | Write enable signal output to the S-RAM |

| Pin No. | Pin Name | I/O | Description |
|---|---|---|---|
| 46 | VDDE | — | Power supply terminal (+3.3V) |
| 47 | WMD1 | I | External memory wait mode setting terminal    Fixed at “H” in this set |
| 48 | VSS | — | Ground terminal |
| 49 | WMD0 | I | External memory wait mode setting terminal    Fixed at “H” in this set |
| 50 | PAGE2 | O | External memory page selection signal output terminal    Not used |
| 51 | VSS | — | Ground terminal |
| 52, 53 | PAGE1, PAGE0 | O | External memory page selection signal output terminal    Not used |
| 54 | BOOT | I | Boot mode control signal input terminal    Not used |
| 55 | BTACT | O | Boot mode state display signal output terminal    Not used |
| 56 | BST | I | Boot strap signal input from the main system controller |
| 57 | MOD1 | I | Operation mode setting terminal    “L”: enhanced mode, “H”: normal mode<br>Fixed at “H” in this set |
| 58 | MOD0 | I | Operation mode setting terminal    “L”: single chip mode, “H”: can not use<br>Fixed at “L” in this set |
| 59 | EXLOCK | I | PLL lock error signal and data error flag input from the digital audio interface receiver |
| 60 | VDDI | — | Power supply terminal (+2.5V) |
| 61 | VSS | — | Ground terminal |
| 62, 63 | A17, A16 | O | Address signal output terminal    Not used |
| 64 to 66 | A15 to A13 | O | Address signal output to the S-RAM |
| 67 | GP10 | I | L/R sampling clock signal (44.1 kHz) input terminal   Not used |
| 68 | GP9 | O | Read ready signal output to the main system controller |
| 69 | GP8 | I | Channel status bit 1 input from the digital audio interface receiver |
| 70 | VDDI | — | Power supply terminal (+2.5V) |
| 71 | VSS | — | Ground terminal |
| 72 to 75 | D15 to D12 | I/O | Two-way data bus with the S-RAM |
| 76 | VDDE | — | Power supply terminal (+3.3V) |
| 77 to 80 | D11 to D8 | I/O | Two-way data bus with the S-RAM |
| 81 | VSS | — | Ground terminal |
| 82 to 85 | A9, A12 to A10 | O | Address signal output to the S-RAM |
| 86 | TDO | O | Simplicity emulation data output terminal    Not used |
| 87 | TMS | I | Simplicity emulation data input start and end terminal    Not used |
| 88 | XTRST | I | Simplicity emulation non-sync break signal input terminal    Not used |
| 89 | TCK | I | Simplicity emulation clock signal input terminal    Not used |
| 90 | TDI | I | Simplicity emulation data input terminal    Not used |
| 91 | VSS | — | Ground terminal |
| 92 to 97 | A8 to A3 | O | Address signal output to the S-RAM |
| 98, 99 | D7, D6 | I/O | Two-way data bus with the S-RAM |
| 100 | VDDI | — | Power supply terminal (+2.5V) |
| 101 | VSS | — | Ground terminal |
| 102 to 105 | D5 to D2 | I/O | Two-way data bus with the S-RAM |
| 106 | VDDE | — | Power supply terminal (+3.3V) |
| 107, 108 | D1, D0 | I/O | Two-way data bus with the S-RAM |
| 109, 110 | A2, A1 | O | Address signal output to the S-RAM |
| 111 | VSS | — | Ground terminal |
| 112 | A0 | O | Address signal output to the S-RAM |
| 113 | PM | I | PLL initialize signal input from the main system controller |

| Pin No. | Pin Name | I/O | Description |
|---|---|---|---|
| 114, 115 | SDI3, SDI4 | I | Audio serial data input terminal    Not used |
| 116 | SYNC | I | Sync/non-sync setting terminal    “L”: sync, “H”: non-sync    Fixed at “H” in this set |
| 117 to 119 | VSS | — | Ground terminal |
| 120 | VDDI | — | Power supply terminal (+2.5V) |

**• DIGITAL BOARD IC2251 CXD9616BR (DIGITAL SIGNAL PROCESSOR)**

| Pin No. | Pin Name | I/O | Description |
|---|---|---|---|
| 1 | VDDI | — | Power supply terminal (+2.5V) |
| 2 | EXTIN | I | Master clock signal input terminal Not used |
| 3, 4 | WMD1, WMD0 | I | External memory wait mode setting terminal Fixed at “H” in this set |
| 5 | MOD1 | I | Operation mode setting terminal “L”: enhanced mode, “H”: normal mode<br>Fixed at “H” in this set |
| 6 | MOD0 | I | Operation mode setting terminal “L”: single chip mode, “H”: can not use<br>Fixed at “L” in this set |
| 7 | VSS | — | Ground terminal |
| 8 | XRST | I | System reset signal input from the main system controller “L”: reset |
| 9 | VSS | — | Ground terminal |
| 10 | SCKOUT | O | Internal serial clock signal output terminal Not used |
| 11 | VDDI (PLL) | — | Power supply terminal (+2.5V) (for PLL) |
| 12 | SYNC | I | Sync/non-sync setting terminal “L”: sync, “H”: non-sync Fixed at “H” in this set |
| 13 to 15 | PAGE2 to PAGE0 | O | External memory page selection signal output terminal Not used |
| 16 | PLOCK | O | Internal PLL lock signal output terminal Not used |
| 17 | BTACK | I | Boot mode state display signal output terminal Not used |
| 18 | VDDE | — | Power supply terminal (+3.3V) |
| 19 | VSS | — | Ground terminal |
| 20 to 22 | D31 to D29 | I/O | Two-way data bus with the S-RAM |
| 23 | A17 | O | Address signal output terminal Not used |
| 24 | VSS | — | Ground terminal |
| 25 | SDO3 | O | Audio serial data output to the lip sync adjust |
| 26 | SDO4 | O | Audio serial data output to the lip sync adjust |
| 27, 28 | SDI1, SDI2 | I | Audio serial data input from the digital signal processor |
| 29 | LRCKI1 | I | L/R sampling clock signal (44.1 kHz) input from the digital signal processor |
| 30 | VSS | — | Ground terminal |
| 31, 32 | D28, D27 | I/O | Two-way data bus with the S-RAM |
| 33 | A16 | O | Address signal output terminal Not used |
| 34 | A15 | O | Address signal output to the S-RAM |
| 35 | SDI3 | I | Audio serial date input from the digital signal processor |
| 36 | L2 | — | Not used |
| 37 | VDDI | — | Power supply terminal (+2.5V) |
| 38 | BCKI1 | I | Bit clock signal (2.8224 MHz) input from the digital signal processor |
| 39 | SDI4 | I | Audio serial data input from the digital signal processor |
| 40 | MS | I | Master/slave setting terminal “L”: internal clock, “H”: external clock<br>Fixed at “L” in this set |
| 41, 42 | A14, A13 | O | Address signal output to the S-RAM |
| 43, 44 | D26, D25 | I/O | Two-way data bus with the S-RAM |
| 45 | VSS | — | Ground terminal |
| 46 | BCKI2 | I | Bit clock signal (2.8224 MHz) input terminal Not used |
| 47, 48 | FS2, FS1 | I | Sampling frequency selection signal input terminal Not used |
| 49 | SPDIF | I | SPDIF signal input terminal Not used |
| 50 | A12 | O | Address signal output to the S-RAM |
| 51 to 53 | D24 to D22 | I/O | Two-way data bus with the S-RAM |
| 54 | VDDE | — | Power supply terminal (+3.3V) |

| Pin No. | Pin Name | I/O | Description |
|---|---|---|---|
| 55 | VSS | — | Ground terminal |
| 56 to 58 | D21 to D19 | I/O | Two-way data bus with the S-RAM |
| 59 | A11 | O | Address signal output to the S-RAM |
| 60, 61 | SDO1, SDO2 | O | Audio serial data output to the lip sync adjust |
| 62 | KFSIO | I | Audio clock signal input from the digital audio interface receiver |
| 63 | LRCKO | O | L/R sampling clock signal (44.1 kHz) output terminal |
| 64 | BCKO | O | Bit clock signal (2.8224 MHz) output terminal |
| 65 | VDDI | — | Power supply terminal (+2.5V) |
| 66 | VSS | — | Ground terminal |
| 67, 68 | D18, D17 | I/O | Two-way data bus with the S-RAM |
| 69, 70 | A10, A9 | O | Address signal output to the S-RAM |
| 71 | CAS | O | Column address strobe signal output terminal    Not used |
| 72 | RAS | O | Row address strobe signal output terminal    Not used |
| 73 | VDDI | — | Power supply terminal (+2.5V) |
| 74 | HDIN | I | Serial data input from the main system controller |
| 75 | HCLK | I | Serial data transfer clock signal input from the main system controller |
| 76 | HCS | I | Chip select signal input from the main system controller |
| 77, 78 | A8, A7 | O | Address signal output to the S-RAM |
| 79, 80 | D16, D15 | I/O | Two-way data bus with the S-RAM |
| 81 | VSS | — | Ground terminal |
| 82 | HDOUT | O | Serial data output to the main system controller |
| 83 | HACN | O | Acknowledge signal output to the main system controller |
| 84 | CSO | O | Chip select signal output to the S-RAM |
| 85 | WEO | O | Write enable signal output to the S-RAM |
| 86 | A6 | O | Address signal output to the S-RAM |
| 87 to 89 | D14 to D12 | I/O | Two-way data bus with the S-RAM |
| 90 | VDDE | — | Power supply terminal (+3.3V) |
| 91 | VSS | — | Ground terminal |
| 92 to 94 | D11 to D9 | I/O | Two-way data bus with the S-RAM |
| 95 | A5 | O | Address signal output to the S-RAM |
| 96 | VDDI | — | Power supply terminal (+2.5V) |
| 97 | TCK | I | Simplicity emulation clock signal input terminal    Not used |
| 98 | TDI | I | Simplicity emulation data input terminal    Not used |
| 99 | TDO | O | Simplicity emulation data input terminal    Not used |
| 100 | TMS | I | Simplicity emulation data input start and end select    Not used |
| 101 | XTRST | I | Simplicity emulation non-sync break signal input terminal    Not used |
| 102 | VSS | — | Ground terminal |
| 103, 104 | D8, D7 | I/O | Two-way data bus with the S-RAM |
| 105, 106 | A4, A3 | O | Address signal output to the S-RAM |
| 107, 108 | GP10, GP9 | — | Not used |
| 109 | VDDI | — | Power supply terminal (+2.5V) |
| 110 | GP8 | — | Not used |
| 111 | GP7 | I | L/R sampling clock signal (44.1 kHz) input terminal |
| 112 | GP6 | — | Not used |
| 113, 114 | A2, A1 | O | Address signal output to the S-RAM |
| 115, 116 | D6, D5 | I/O | Two-way data bus with the S-RAM |

| Pin No. | Pin Name | I/O | Description |
|---|---|---|---|
| 117 | VSS | — | Ground terminal |
| 118, 119 | GP5, GP4 | — | Not used |
| 120 | GP3 | O | Error signal output to the main system controller |
| 121 | NC | — | Not used |
| 122 | A0 | O | Address signal output to the S-RAM |
| 123 to 125 | D4 to D2 | I/O | Two-way data bus with the S-RAM |
| 126 | VDDE | — | Power supply terminal (+3.3V) |
| 127 | VSS | — | Ground terminal |
| 128, 129 | D1, D0 | I/O | Two-way data bus with the S-RAM |
| 130 to 132 | GP2 to GP0 | — | Not used |
| 133 | SDCLK | O | SD-RAM clock signal output terminal Not used |
| 134 | CLKEN | I | Fixed at “H” in this set |
| 135 | DQM | O | Output terminal of data input/output mask Not used |
| 136 | EXLOCK | I | Lock signal input from the main system controller |
| 137 | VDDI | — | Power supply terminal (+2.5V) |
| 138 | VSS | — | Ground terminal |
| 139 | MCLK2 | O | System clock output terminal (13.5 MHz) |
| 140 | PM | I | PLL initialize signal input from the main system controller |
| 141 | BST | I | Boot strap signal input from the main system controller |
| 142 | BOOT | I | Boot mode control signal input terminal Not used |
| 143 | TST | I | Not used |
| 144 | MCLK1 | I | System clock input terminal (13.5 MHz) |

**• DIGITAL BOARD IC2401, IC2426 ISPLSI2032VE-110LTN44-MOD (GPR)**

| Pin No. | Pin Name | I/O | Description |
|---|---|---|---|
| 1 | EDGE | I | Clock signal input terminal |
| 2 | BCKIN | I | Bit clock signal input terminal |
| 3 | BCK2IN | I | Not used (open) |
| 4 | I/O | I/O | Not used (open) |
| 5 | MCK | I | Serial data transfer clock signal input terminal |
| 6 | VCC | — | Power supply terminal (+3.3V) |
| 7 | BSCAM | — | Not used (open) |
| 8 | IN Q/TDI | I | Not used (open) |
| 9, 10 | I/O | I/O | Not used (open) |
| 11 | BCKAOUT | O | Not used |
| 12 | MCKOUT | O | Serial data transfer clock signal output terminal |
| 13 | DIOUT_8 | O | IC2401: SBR-ch analog audio signal output, IC2426: Not used (open) |
| 14 | DIOUT_7 | O | IC2401: SBL-ch analog audio signal output, IC2426: Not used (open) |
| 15 | DIOUT_6 | O | IC2401: SR-ch analog audio signal output, IC2426: Not used (open) |
| 16 | DIOUT_5 | O | IC2401: SL-ch analog audio signal output, IC2426: Not used (open) |
| 17 | GND | — | Ground terminal |
| 18 | IN 1/TDO | O | Not used (open) |
| 19 | DIOUT_4 | O | W-ch analog audio signal output terminal |
| 20 | DIOUT_3 | O | C-ch analog audio signal output terminal |
| 21 | DIOUT_2 | O | R-ch analog audio signal output terminal |
| 22 | DIOUT_1 | O | L-ch analog audio signal output terminal |
| 23 to 26 | I/O | I/O | Not used (open) |
| 27 | Y2/TCK | — | Not used (open) |
| 28 | VCC | — | Power supply terminal (+3.3V) |
| 29 | Y1/RESET | I | Reset signal input terminal |
| 30 | TMS | — | Not used (open) |
| 31 | DATAEN | I | Not used (connected to VCC) |
| 32 | CLKSEL | I | Not used (connected to VCC) |
| 33 | FS | I | IC2401: Not used (connected to ground), IC2426: Clock signal input |
| 34 | I/O | I/O | Not used (open) |
| 35 | DATA_1 | I | IC2401: L-ch analog audio signal input, IC2426: analog audio signal input |
| 36 | DATA_2 | I | IC2401:R-ch analog audio signal input, IC2426: analog audio signal input |
| 37 | DATA_3 | I | IC2401: SL-ch analog audio signal input, IC2426: analog audio signal input |
| 38 | DATA_4 | I | IC2401: SR-ch analog audio signal input, IC2426: analog audio signal input |
| 39 | GND | — | Ground terminal |
| 40 | GOE0 | — | Not used (open) |
| 41 | DATA_5 | I | IC2401: C-ch analog audio signal input, IC2426: Not used (open) |
| 42 | DATA_6 | I | IC2401: W-ch analog audio signal input, IC2426: Not used (open) |
| 43 | DATA_7 | I | IC2401: SBL-ch analog audio signal input, IC2426: Not used (open) |
| 44 | DATA_8 | I | IC2401: SBR-ch analog audio signal inputl, IC2426: Not used (connected to ground) |

• **DIGITAL BOARD IC2601 MB91F155-3ES-X100 (MAIN SYSTEM CONTROLLER)**

| Pin No. | Pin Name | I/O | Description |
|---|---|---|---|
| 1 | DSP CLK | O | Serial data transfer clock signal output to the digital signal processor |
| 2 | DSP HDIN | O | Serial data output to the digital signal processor |
| 3 | 1BST SEL | O | Boot strap signal output to the clock select |
| 4 | 1XRST | O | System reset signal output to the digital signal processor "L": reset |
| 5 | 1PM | O | PLL initialize signal output to the digital signal processor |
| 6 | 1GP9 | I | Read ready signal input from the digital signal processor |
| 7 | 1BST | O | Boot strap signal output to the digital signal processor |
| 8 | 1HCS | O | Chip select signal output to the digital signal processor |
| 9 | VSS | — | Ground terminal |
| 10 | 1HDOUT | I | Serial data input from the digital signal processor |
| 11 | 1HACN | I | Acknowledge signal input from the digital signal processor |
| 12 | 2XRST | O | System reset signal output to the digital signal processor "L": reset |
| 13 | 2PM | O | PLL initialize signal output to the digital signal processor |
| 14 | 2GP3 | I | Read ready signal input from the digital signal processor |
| 15 | 2BST | O | Boot strap signal output to the digital signal processor |
| 16 | 2HCS | O | Chip select signal output to the digital signal processor |
| 17 | 2HDOUT | I | Serial data input from the digital signal processor |
| 18 | 2HACN | I | Acknowledge signal input from the digital signal processor |
| 19 | 2EXLOCK | O | PLL lock error signal and data error flag output to the digital sigal processor |
| 20 | DIR-XMODE | O | System reset signal output to the digital audio interface receiver "L": reset |
| 21 | DIR-CKSEL | O | Output clock selection signal output to the digital audio interface receiver |
| 22 | DIR-CLK | O | Clock signal output to the digital audio interface receiver |
| 23 | DIR-CE | O | Chip enable signal output to the digital audio interface receiver |
| 24 | DIR-DO | I | Read data input from the digital audio interface receiver |
| 25 | DIR-DI | O | Write data output to the digital audio interface receiver |
| 26 | VSS | — | Ground terminal |
| 27 | VCC | — | Power supply terminal (+3.3V) |
| 28 | DIR-ERROR | I | PLL lock error signal and data error flag input from the digital audio interface receiver |
| 29 | DIR-DATAO | I | Audio serial data input from the digital audio interface receiver |
| 30 | DIR-XSTATE | I | Source clock selection monitor input from the digital audio interface receiver |
| 31 | TA_XCS | O | Chip select signal output to the lip sync adjust Not used |
| 32 | TA_SO | I | Serial data input from the lip sync adjust Not used |
| 33 | TA_XRST | O | Reset signal output to the lip sync adjust Not used |
| 34 | ADINT1 | O | Reset signal output to the A/D converter |
| 35 | ADINT2 | O | Reset signal output to the sub-2 system controller |
| 36 | D595OE | O | Output enable signal output to the TC74HC595AF |
| 37 | LAT1 | O | Serial data latch pulse output to the TC74HC595AF |
| 38 | LAT2 | O | Serial data latch pulse output to the TC74HC595AF |
| 39 | COM1CLK | O | Common clock signal output terminal |
| 40 | COM1DATA | O | Common data output terminal |
| 41 | COM2DATA | O | Common data output terminal |
| 42 | COM2CLK | O | Common data transfer clock signal output terminal |
| 43 | V595OE | O | Output enable signal output to the TC74HC595AF |
| 44 | VSS | — | Ground terminal |
| 45 | V595LAT | O | Serial data latch pulse output to the TC74HC595A |

| Pin No. | Pin Name | I/O | Description |
|---|---|---|---|
| 46 | FUNCLAT | O | Serial data latch pulse output to the TC74HCT7007AF |
| 47 | D.MIXLAT | O | Serial data latch pulse output to the TC74HCT7007AF |
| 48 | VDLLAT | O | Serial data latch pulse output to the TC74HCT7007AF |
| 49 | UPCONLAT | O | Serial data latch pulse output terminal    Not used |
| 50 | MBUS-STS0 | I | M-BUS status input from the sub system controller |
| 51 | A1OUT | O | Sircs signal output for the CTRL A1 II |
| 52 | MD2 | I | Setting terminal for the CPU operational mode |
| 53 | MD1 | I | Setting terminal for the CPU operational mode |
| 54 | MD0 | I | Setting terminal for the CPU operational mode |
| 55 | RSTX | I | External reset signal input terminal |
| 56 | VCC | — | Power supply terminal (+3.3V) |
| 57 | X1 | I | Main system clock input terminal (16.5 MHz) |
| 58 | X0 | O | Main system clock output terminal (16.5 MHz) |
| 59 | VSS | — | Ground terminal |
| 60 | A1IN | I | Sircs signal input for the CTRL A1 II |
| 61 | SIRCS IN | I | SIRCS signal input terminal |
| 62 | POWER SW | I | Power switch input terminal |
| 63 | RDSCLK | I | RDS serial data transfer clock signal input from the tuner unit |
| 64 | MBUS-STS1 | I | Strobe control signal input from the sub system controller |
| 65 | MBUS-STS2 | I | M-BUS status input from the sub system controller |
| 66 | MBUS-STS3 | I | M-BUS status input from the sub system controller |
| 67 | MBUS-STS4 | I | M-BUS status input from the sub system controller |
| 68 | VCC | — | Power supply terminal (+3.3V) |
| 69 | RST TRG | O | Reset signal output to the terminal |
| 70 | END FLAG | O | End flag output to the sub system controller |
| 71 | A1-LAT | O | Serial data latch pulse output to the sub system controller |
| 72 | TUNLAT | O | Serial data latch pulse output to the tuner unit |
| 73 | TUNED | I | Tuning detection signal input from the tuner unit |
| 74 | STEREO | I | FM stereo detection signal input from the tuner unit |
| 75 | TUNDO | I | Serial data input from the tuner unit |
| 76 | PREOUT-RY | O | Relay drive signal output terminal  Not used |
| 77 | VCC | — | Power supply terminal (+3.3V) |
| 78 | STOP | I | AC off detection signal input terminal |
| 79 | POWRY | O | Relay drive signal output terminal (for main power)    “H”: relay on |
| 80 | P.CHANGE | O | Tuner auto stop signal output terminal |
| 81 | RDSDATA | I | RDS serial data input from the tuner unit |
| 82 | PREVOL-LAT | O | Serial data latch pulse output terminal    Not used |
| 83 | AD/SUB-RST | O | Reset signal output to the sub-2 system controller    “L”: rese |
| 84 | S-MUTE | O | Muting on/off control signal output terminal |
| 85 | SUB-U CONTROL | O | Clock signal output to the sub-2 system controller |
| 86 | SUB-U INFO2 | I | Serial data input from the sub-2 system controller |
| 87 | SUB-U INFO1 | O | Serial data output to the sub-2 system controller |
| 88 | FUNCJOG1 | I | Jog dial pulse input from the rotary encoder (for INPUT SELECTOR) |
| 89 | FUNCJOG2 | I | Jog dial pulse input from the rotary encoder (for INPUT SELECTOR) |
| 90 | VOLJOG1 | I | Jog dial pulse input from the rotary encoder (for MASTER VOLUME) |

| Pin No. | Pin Name | I/O | Description |
|---|---|---|---|
| 91 | VOLJOG2 | I | Jog dial pulse input from the rotary encoder (for MASTER VOLUME) |
| 92 | BASSJOG1 | I | Jog dial pulse input from the rotary encoder (for BASS) |
| 93 | BASSJOG2 | I | Jog dial pulse input from the rotary encoder (for BASS) |
| 94 | OSDLAT | O | Serial data latch pulse output to the OSD |
| 95 | FLLAT | O | Serial data latch pulse output to the fluorescent display tube |
| 96 | FLCLR | O | Clear signal output to the fluorescent display tube |
| 97 | VCC | — | Power supply terminal (+3.3V) |
| 98 | VSS | — | Ground terminal |
| 99 | SDA | I/O | Two-way data bus with the EEPROM |
| 100 | SCL | O | Serial data transfer clock signal output to the EEPROM |
| 101 | VSS | — | Ground terminal |
| 102 | OSD-CLK | O | Serial data transfer clock signal output to the OSD |
| 103 | OSD-DAT | O | Serial data output to the OSD |
| 104 | OSD-VSINC | I | Not used |
| 105 | TREJOG1 | I | Jog dial pulse input from the rotary encoder (for TREBLE) |
| 106 | TREJOG2 | I | Jog dial pulse input from the rotary encoder (for TREBLE) |
| 107 | IICDATA | I/O | IIC two-way data bus with the chroma decoder |
| 108 | IICCLK | O | IIC bus clock signal output to the choma decoder |
| 109 | SOT1 | O | Serial data output to the RS-232C |
| 110 | SIN1 | I | Serial data input from the RS-232C |
| 111 | FLCLK | O | Serial data transfer clock signal output to the fluorescent display tube |
| 112 | FLDATA | O | Serial data output to the fluorescent display tube |
| 113 | DAC-LAT | O | Serial data latch pulse signal output to the D/A converter  Not used |
| 114 | DAC-RST | O | Reset signal output to the D/A converter    “H”: reset  Not used |
| 115 | DAC-DATA (UCOM-IN) | I | Serial data input from the D/A converter  Not used |
| 116 | SP-A | I | Speaker switch input terminal |
| 117 | SP-B | I | Speaker switch input terminal |
| 118 | MENU JOG1 | I | Jog dial pulse input from the rotary encoder (for MENU) |
| 119 | MENU JOG2 | I | Jog dial pulse input from the rotary encoder (for MENU) |
| 120 | PAGE JOG1 | I | Jog dial pulse input from the rotary encoder (for MAIN MENU) |
| 121 | PAGE JOG2 | I | Jog dial pulse input from the rotary encoder (for MAIN MENU) |
| 122 | VCC | — | Power supply terminal (+3.3V) |
| 123 | LED LAT | O | Serial data latch pulse output to the data decoder/LED driver |
| 124 | LED CLR | O | Serial data transfer clock signal output to the data decoder/LED driver |
| 125 | PCMSEL | O | Output clock selection signal output to the D-OUT switch |
| 126 | DAVS (VSS) | — | Ground terminal (for digital) |
| 127 | DAVC (VCC) | — | Power supply terminal (+3.3V) (for digital) |
| 128 | AVCC (VCC) | — | Power supply terminal (+3.3V) (for analog) |
| 129 | AVRH (VCC) | — | Reference voltage (+3.3V) input terminal (for analog) |
| 130 | AVRL (VSS) | — | Ground terminal (for analog) |
| 131 | AVSS (VSS) | — | Ground terminal (for analog) |
| 132 | AD1 | I | Key function A/D input |
| 133 | AD2 | I | Key function A/D input |
| 134 | AD3 | I | Key function A/D input |
| 135 | VERSION | I | Version set terminal |

| Pin No. | Pin Name | I/O | Description |
|---|---|---|---|
| 136 | RDSSIGNAL | I | RDS signal input from the tuner unit |
| 137 | HP-SW | I | Headphone detection signal input terminal "H": headphone is connected |
| 138 | +/-JOG1 | I | Jog dial pulse input from the rotary encoder (for -/+) |
| 139 | +/-JOG2 | I | Jog dial pulse input from the rotary encoder (for -/+) |
| 140 | VCC2 | — | Power supply terminal (+3.3V) |
| 141 | BACUP | I | Connected to VCC |
| 142 | X0A | O | Not used (Connected to ground) |
| 143 | X1A | I | Not used (open) |
| 144 | VSS | — | Ground terminal |

• **DIGITAL BOARD IC2701 TMP87C447U-1F23 (SUB SYSTEM CONTROLLER)**

| Pin No. | Pin Name | I/O | Description |
|---|---|---|---|
| 1 | STAT0 | O | M-BUS status output to the main system controller |
| 2 | CARRIER-OUT | O | SIRCS signal on/off signal output terminal |
| 3 | FLASH | — | Not used (Connected to VDD) |
| 4 | MBUS | — | Not used (Connected to VDD) |
| 5 | CTRL-LATCH | I | Serial data latch pulse input from the main system controller |
| 6, 7 | — | — | Not used (open) |
| 8 | SIRSTS | — | Not used (Connected to VDD) |
| 9 | — | — | Not used (open) |
| 10 | SIRCS-INPUT | I | SIRCS signal input terminal |
| 11 | A1-OUT | O | Sircs signal output for CONTROL A1 II |
| 12 | A1-IN | I | Sircs signal input for CONTROL A1 II |
| 13 | GND | — | Ground terminal |
| 14 | RESET | I | System reset signal input from the reset signal generator “L”: reset |
| 15 | XIN | I | Main system clock input terminal (7.28 MHz) |
| 16 | XOUT | O | Main system clock output terminal (7.28 MHz) |
| 17 | GND | — | Ground terminal |
| 18 | VDD | — | Power supply terminal (+5V) |
| 19 | RESETC | O | Reset signal output to the main system controller |
| 20 | RESETN | O | Not used (open) |
| 21 | OUTHI1 | O | Not used (open) |
| 22 | OUTLO1 | O | Not used (open) |
| 23 | OUTHI2 | O | Model distination signal output terminal |
| 24 | OUTLO2 | O | Model distination signal output terminal |
| 25 | ENDFLG | I | End flag input from the main system controller |
| 26 | UARTIN | I | Serial data input from the RS-232C |
| 27 to 32 | — | — | Not used (open) |
| 33 | SIRCS-OUT | O | SIRCS signal output terminal |
| 34 to 36 | — | — | Not used (open) |
| 37 | MBUS_TV | — | Not used (Connected to ground) |
| 38 | MBUS_V2 | — | Not used (Connected to ground) |
| 39 | MBUS_V1 | — | Not used (Connected to ground) |
| 40 | VDD | — | Power supply terminal (+5V) |
| 41 | STAT4 | O | M-BUS status output to the main system controller |
| 42 | STAT3 | O | M-BUS status output to the main system controller |
| 43 | STAT2 | O | M-BUS status output to the main system controller |
| 44 | STAT1 | O | M-BUS status output to the main system controller |

• **D-AMP BOARD IC1800 B89F538L (SUB SYSTEM CONTROLLER)**

| Pin No. | Pin Name | I/O | Description |
|---|---|---|---|
| 1 | I LIMIT | I | Current detection |
| 2 | MOD2 | I | Not used (connected to ground) |
| 3 | TEMP | I | Thermistor connection terminal for temperature detection (A/D input) |
| 4 to 10 | — | — | Not used (open) |
| 11 | AVCC | — | Power supply terminal (+3.3V) (for analog) |
| 12 | AVR | I | Reference voltage (+3.3V) input terminal |
| 13 | AVSS | — | Ground terminal (for analog) |
| 14 | U-MAIN | I | Clock signal input from main system controller |
| 15 | AC-OFF | I | Power down detection signal input terminal "L": power down |
| 16 | +B | I | + B power supply unusual detection |
| 17, 18 | — | I | Not used (open) |
| 19 | RST | I | Reset signal input from the main system controller |
| 20 | MOD0 | I | Setting terminal for a memory access mode |
| 21 | MOD1 | I | Setting terminal for a memory access mode |
| 22 | X0 | O | External crystal terminal (8 MHz) |
| 23 | X1 | I | External crystal terminal (8 MHz) |
| 24 | VSS | — | Ground terminal |
| 25 | VOL-CLK | O | Serial data transfer clock signal output to the data decoder |
| 26 | VOL-DATA | O | Serial data output to the data decoder |
| 27 | VOL-LAT | O | Serial data latch pulse output to the data decoder |
| 28 | DAC-MUTE | O | Muting on/off control signal output terminal |
| 29 | (P23) | I | Not used (connected to ground) |
| 30 | (P22) | I | Not used (connected to VDD) |
| 31 | 4I-LIMIT | I | Not used |
| 32 | DC | I | DC offset detection |
| 33 | — | I | Not used (open) |
| 34 | 4/8OUT | O | Not used (open) |
| 35 | DIAG | I | HIC temperature unusual detection |
| 36 | EN | O | Enable/Disable control of HIC |
| 37 | MODE1 | O | Mode signal output to PCM/PWM processor |
| 38 | INIT | O | Initialize signal output to the PCM/PWM processor |
| 39 | NSP-MUTE | O | Muting on/off control signal output terminal |
| 40 | (P10) | — | Not used (connected to ground) |
| 41 | — | O | Not used (open) |
| 42 | U-SUB1 | I | Serial data signal input from main system controller |
| 43 | LAT4 | O | Serial data latch pulse output to the PCM/PWM processor |
| 44 | LAT3 | O | Serial data latch pulse output to the PCM/PWM processor |
| 45 | LAT2 | O | Serial data latch pulse output to the PCM/PWM processor |
| 46 | LAT1 | O | Serial data latch pulse output to the PCM/PWM processor |
| 47 | F-B RY | O | Relay drive signal output terminal |
| 48 | SR-A RY | O | Not used (open) |
| 49 | NC | — | Not used (open) |
| 50 | RY | O | Relay drive signal output terminal |
| 51 | SHIFT | O | Serial data transfer clock signal output to the PCM/PWM processor |
| 52 | /SO1 SCDT | O | Serial data output to the PCM/PWM processor |

| Pin No. | Pin Name | I/O | Description |
|---|---|---|---|
| 53 | /SI1 SR-B | O | Relay drive signal output terminal Not used |
| 54 | C RY | O | Not used (open) |
| 55 | SB RY | O | Not used (open) |
| 56 | VCC | — | Power supply terminal (+3.3V) |
| 57 | SP RY | O | Relay drive signal output terminal Not used (open) |
| 58 | HP RY | O | Relay drive signal output terminal (for headphone) |
| 59 | — | I | Not used (open) |
| 60 | U-SUB2 | O | Serial data signal output to main system controller |
| 61 | — | I | Not used (open) |
| 62 | FORMAT | I | Not used (connected to VDD) |
| 63 | HENCYO | I | Not used (connected to VDD) |
| 64 | MUTE | I | Muting on/off control signal output terminal Not used (open) |

• **VIDEO BOARD IC3501 MB90089F-G-238-BND (OSD DRIVER)**

| Pin No. | Pin Name | I/O | Description |
|---|---|---|---|
| 1 | YIN | I | Y (luminance) signal input Not used |
| 2 | CIN | I | C (color) signal input Not used |
| 3 | VIN | I | Composite video signal input Not used |
| 4 | AVCC | — | Power supply terminal (+5V) (for analog) |
| 5 | FSCO | O | Internal color burst phase display signal output terminal Not used |
| 6 | VBLK | O | Vertical blanking period signal output terminal Not used |
| 7 | VCC | — | Power supply terminal (+5V) |
| 8 | EXS | I | Input terminal from the clock generator for external color burst connected to crystal vibrator (NTSC: 14.31818MHz, PAL: 17.734475MHz) |
| 9 | XS | O | Output terminal from the clock generator for external color burst connected to crystal vibrator (NTSC: 14.31818MHz, PAL: 17.734475MHz) Not used |
| 10 | HSYNC | O | Horizontal sync signal output terminal Not used |
| 11 | VSYNC | O | Vertical sync signal output terminal Not used |
| 12 | EXHSYN | I | External horizontal sync signal input terminal Not used |
| 13 | EXVSYN | I | External vertical sync signal input terminal Not used |
| 14 | VSS | — | Ground terminal |
| 15 | EXD | I | Dot clock generator connecting terminal for display |
| 16 | XD | O | Dot clock generator connecting terminal for display |
| 17 | VOB | O | Character and background period signal output terminal Not used |
| 18 to 20 | VOC2 to VOC0 | O | Color signal output terminal Not used |
| 21 | TEST | I | Setting terminal for the test "L": test (normally: fixed at "H") |
| 22 | SCLK | I | Serial data transfer clock signal input from the main system controller |
| 23 | SIN | I | Serial data input from the main system controller |
| 24 | CS | I | Serial data latch pulse signal input from the main system controller |
| 25 | VOUT | O | Composite video signal output |
| 26 | COUT | O | C (color) signal output |
| 27 | YOUT | O | Y (luminance) signal output |
| 28 | AVSS | — | Ground terminal (for analog) |

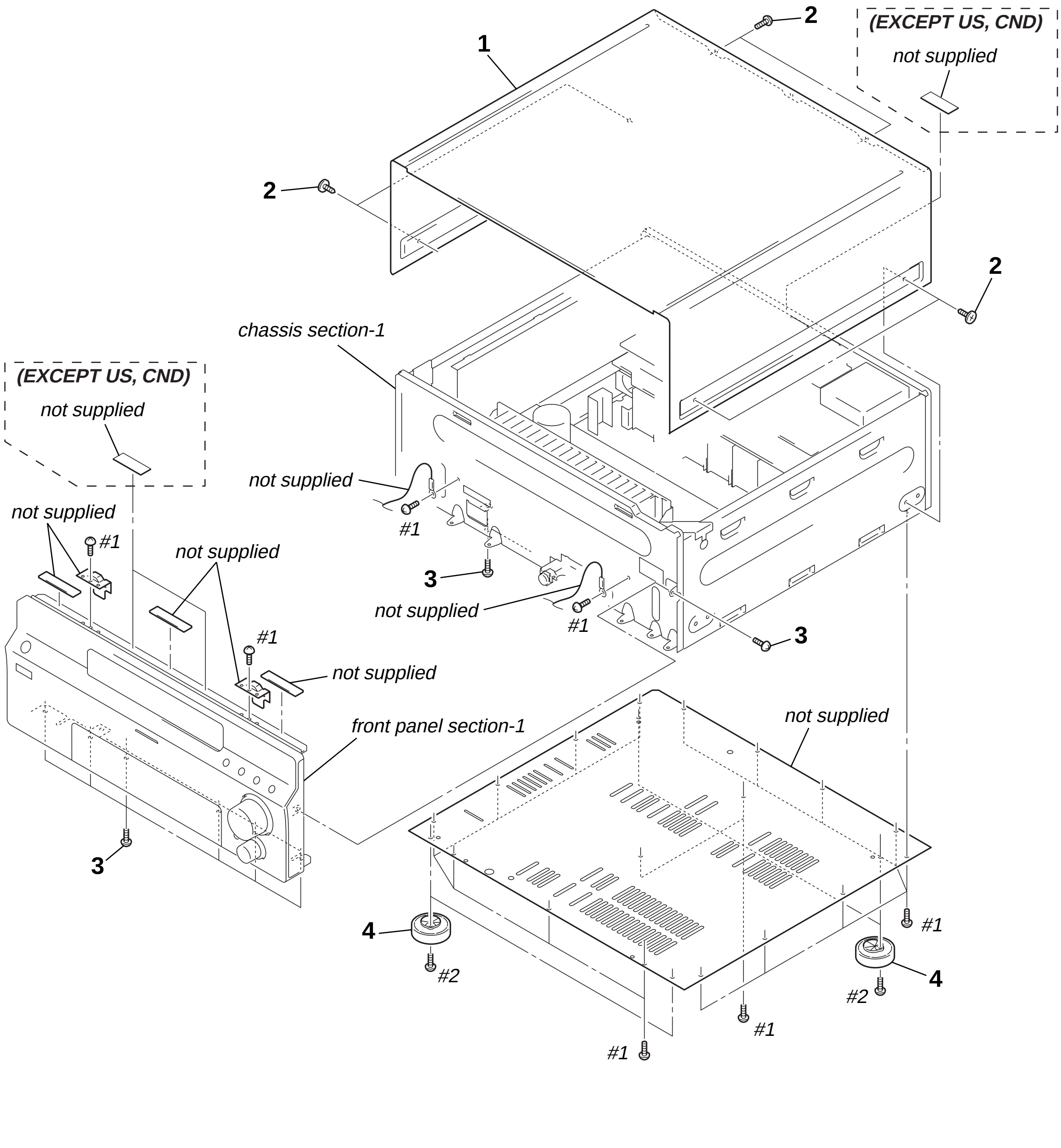
# SECTION 7
# EXPLODED VIEWS

NOTE:
- -XX and -X mean standardized parts, so they may have some difference from the original one.
- Color Indication of Appearance Parts
  Example:
  KNOB, BALANCE (WHITE) . . . (RED)
  ↑ ↑
  Parts Color Cabinet's Color
- Abbreviation
  CND : Canadian model
  KR : Korean model
  TW : Taiwan model
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- The mechanical parts with no reference number in the exploded views are not supplied.
- Accessories are given in the last of the electrical parts list.
- Color variation
  SILVER : US, Canadian models
  GOLD : AEP, Taiwan, Korean models
  BLACK : AEP model

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

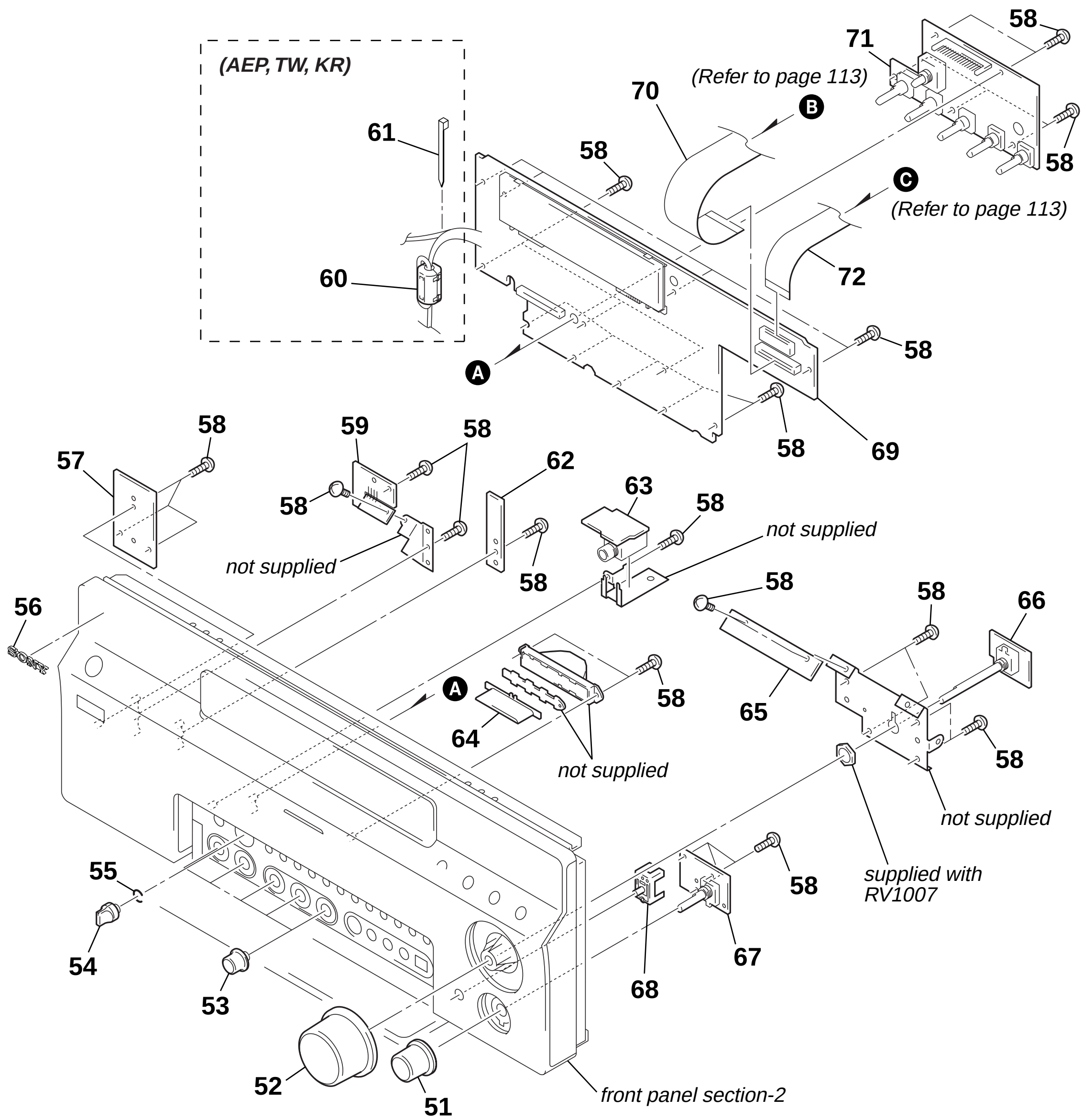
Les composants identifiés par une marque ⚠ sont critiquens pour la sécurité.
Ne les remplacer que par une pièce portant le numéro spécifié.

## 7-1. CASE SECTION



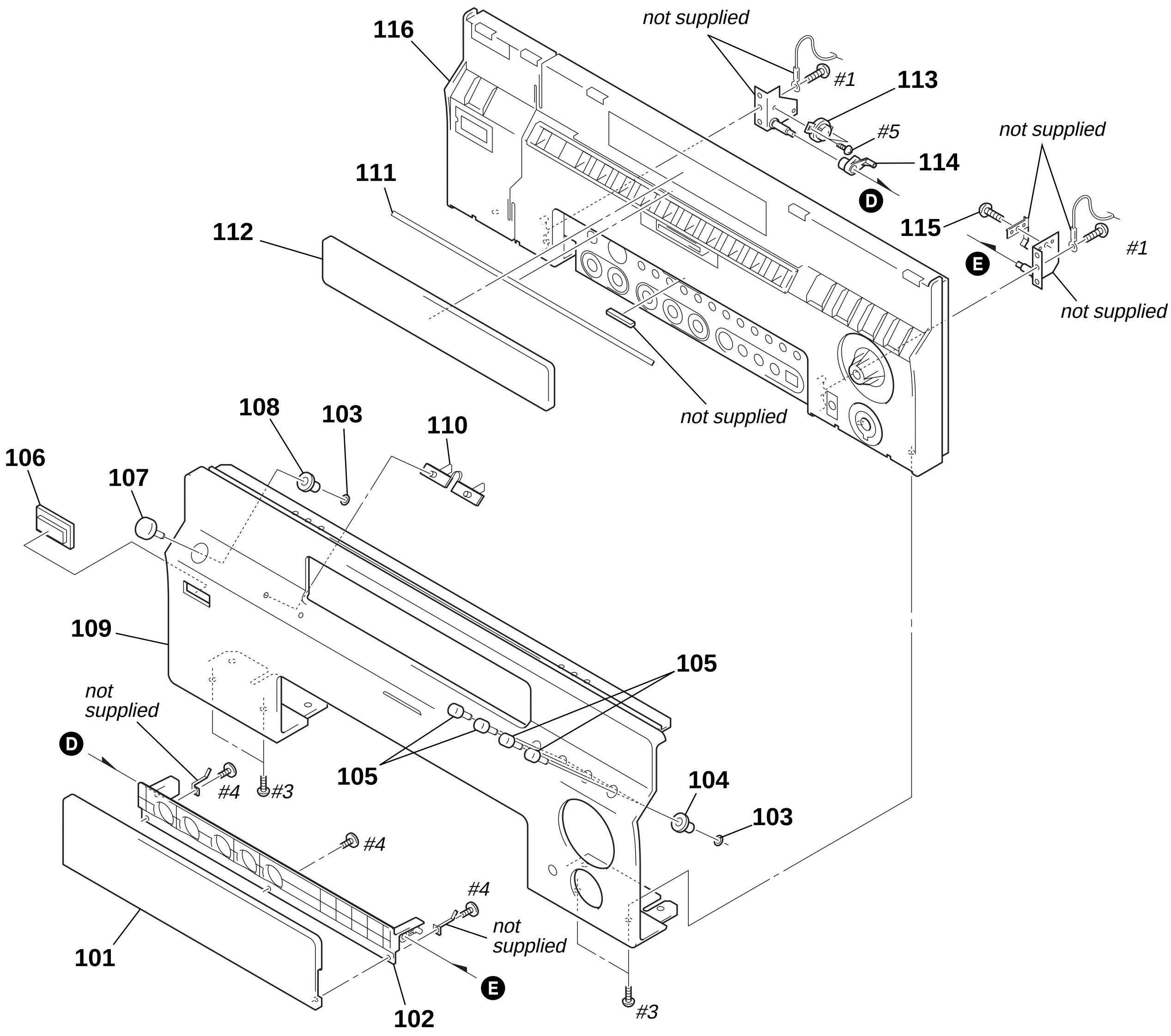

| Ref. No. | Part No. | Description | Remark |
|---|---|---|---|
| 1 | 4-222-052-91 | CASE (BLACK) | |
| 1 | 4-247-044-11 | CASE (SILVER) | |
| 1 | 4-247-044-31 | CASE (GOLD) | |
| 2 | 4-227-843-01 | SCREW (TP), FLAT HEAD (for BLACK) | |
| 2 | 4-227-843-31 | SCREW (TP), FLAT HEAD (for GOLD, SILVER) | |
| 3 | 3-704-515-21 | SCREW (BV/RING) | |
| 4 | X-4949-759-2 | FOOT ASSY | |
| #1 | 7-685-646-79 | SCREW +BVTP 3X8 TYPE2 IT-3 | |
| #2 | 7-685-885-09 | SCREW +BVTT 4X16 (S) | |

## 7-2. FRONT PANEL SECTION-1




| Ref. No. | Part No. | Description | Remark |
|---|---|---|---|
| 51 | X-4955-651-1 | KNOB (SEL) ASSY (SILVER) | |
| 51 | X-4955-655-1 | KNOB (SEL) ASSY (GOLD) | |
| 51 | X-4955-656-1 | KNOB (SEL) ASSY (BLACK) | |
| 52 | X-4955-650-1 | KNOB (VOL) ASSY (SILVER) | |
| 52 | X-4955-654-1 | KNOB (VOL) ASSY (GOLD) | |
| 52 | X-4955-657-1 | KNOB (VOL) ASSY (BLACK) | |
| 53 | 4-246-104-01 | KNOB (MENU) (SILVER) | |
| 53 | 4-246-104-11 | KNOB (MENU) (GOLD) | |
| 53 | 4-246-104-21 | KNOB (MENU) (BLACK) | |
| 54 | 4-246-103-02 | KNOB (SPEAKER) (SILVER) | |
| 54 | 4-246-103-12 | KNOB (SPEAKER) (GOLD) | |
| 54 | 4-246-103-22 | KNOB (SPEAKER) (BLACK) | |
| 55 | 3-354-981-01 | SPRING (SUS), RING | |
| 56 | 4-942-568-41 | EMBLEM (NO.5), SONY (for BLACK) | |
| 57 | A-4733-995-A | POWER SW BOARD, COMPLETE | |
| 58 | 4-951-620-01 | SCREW (2.6X8), +BVTP | |
| 59 | 1-860-316-11 | POWER SW SUB BOARD | |
| 60 | 1-500-249-21 | BEAD, FERRITE (CASE) (AEP, TW, KR) | |
| 61 | 3-655-653-21 | BAND (TAITON), BINDING (AEP, TW, KR) | |
| 62 | 1-688-731-11 | LED BOARD | |
| 63 | 1-688-723-11 | HP BOARD | |
| 64 | 4-246-109-01 | INDICATOR (C) | |
| 65 | 1-688-729-11 | KEY BOARD | |
| 66 | 1-688-727-11 | VOL BOARD | |
| 67 | 1-688-726-11 | FUNCTION BOARD | |
| 68 | 4-246-118-01 | BUTTON (INPUT) (SILVER) | |
| 68 | 4-246-118-11 | BUTTON (INPUT) (GOLD) | |
| 68 | 4-246-118-21 | BUTTON (INPUT) (BLACK) | |
| 69 | A-4734-128-A | FL BOARD, COMPLETE (EXCEPT AEP: BLACK) | |
| 69 | A-4734-171-A | FL BOARD, COMPLETE (AEP: BLACK) | |
| 70 | 1-827-364-11 | WIRE (FLAT TYPE) (23 CORE) | |
| 71 | 1-688-724-11 | JOG BOARD | |
| 72 | 1-773-045-11 | WIRE (FLAT TYPE) (17 CORE) | |

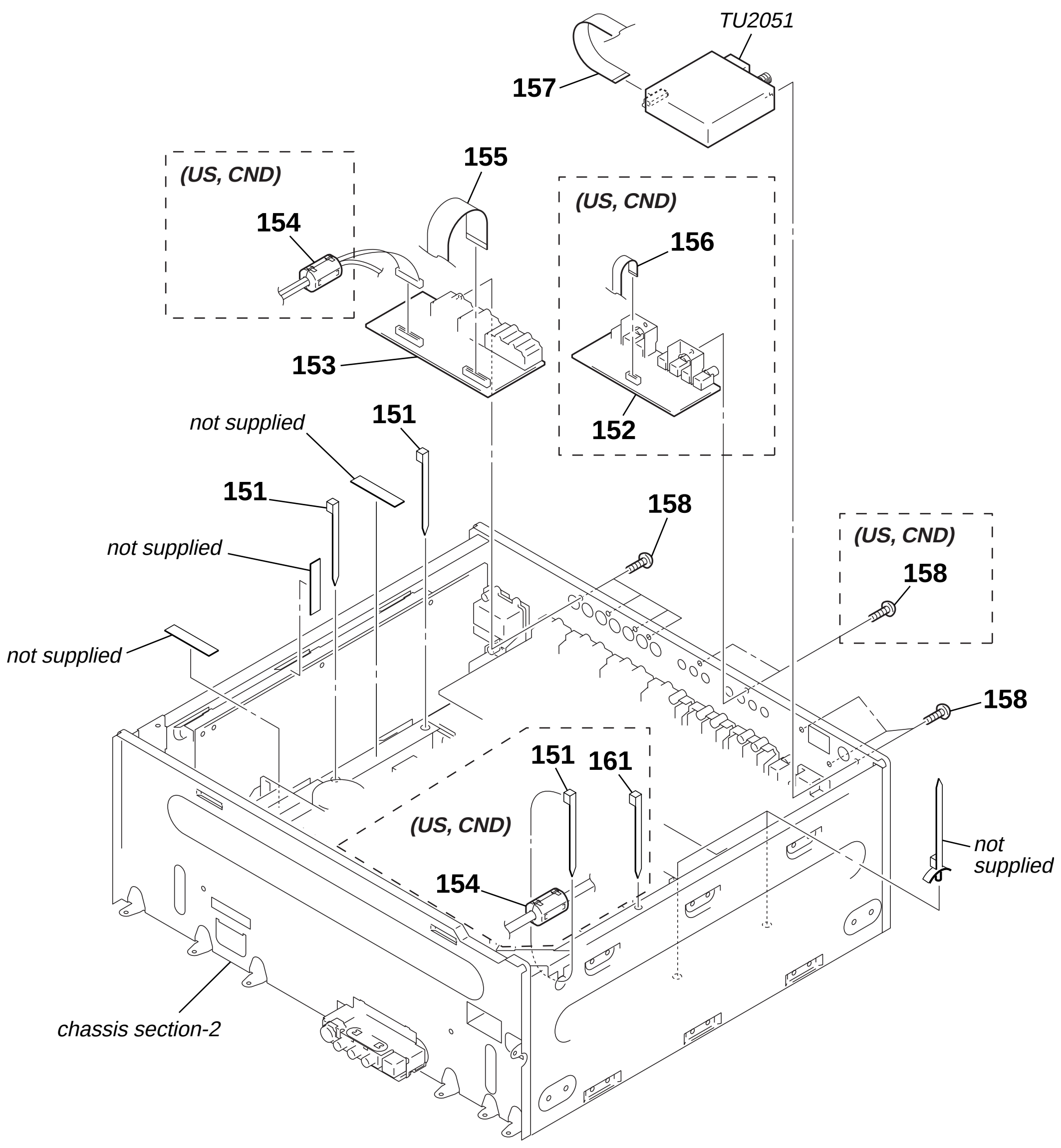
## 7-3. FRONT PANEL SECTION-2




| Ref. No. | Part No. | Description | Remark |
|---|---|---|---|
| 101 | 4-246-526-02 | LID (SILVER) | |
| 101 | 4-246-526-11 | LID (GOLD) | |
| 101 | 4-246-526-21 | LID (BLACK) | |
| 102 | X-4955-632-1 | ESCUTCHEON (LID) ASSY (SILVER) | |
| 102 | X-4955-633-1 | ESCUTCHEON (LID) ASSY (GOLD) | |
| 102 | X-4955-634-1 | ESCUTCHEON (LID) ASSY (BLACK) | |
| 103 | 3-325-697-01 | WASHER | |
| 104 | X-4955-653-1 | ESCUTCHEON (DIA. 7) ASSY | |
| 105 | 4-246-100-03 | BUTTON (DIA. 7) (SILVER) | |
| 105 | 4-246-100-13 | BUTTON (DIA. 7) (GOLD) | |
| 105 | 4-246-100-23 | BUTTON (DIA. 7) (BLACK) | |
| 106 | 4-246-102-02 | WINDOW (REMOTECONTROL) | |
| 107 | 4-246-121-03 | BUTTON (POWER) (SILVER) | |
| 107 | 4-246-121-13 | BUTTON (POWER) (GOLD) | |
| 107 | 4-246-121-23 | BUTTON (POWER) (BLACK) | |
| 108 | X-4955-652-1 | ESCUTCHEON (POWER) ASSY | |
| 109 | 4-246-509-41 | PANEL, FRONT (SILVER) | |
| 109 | 4-246-509-51 | PANEL, FRONT (GOLD: AEP) | |

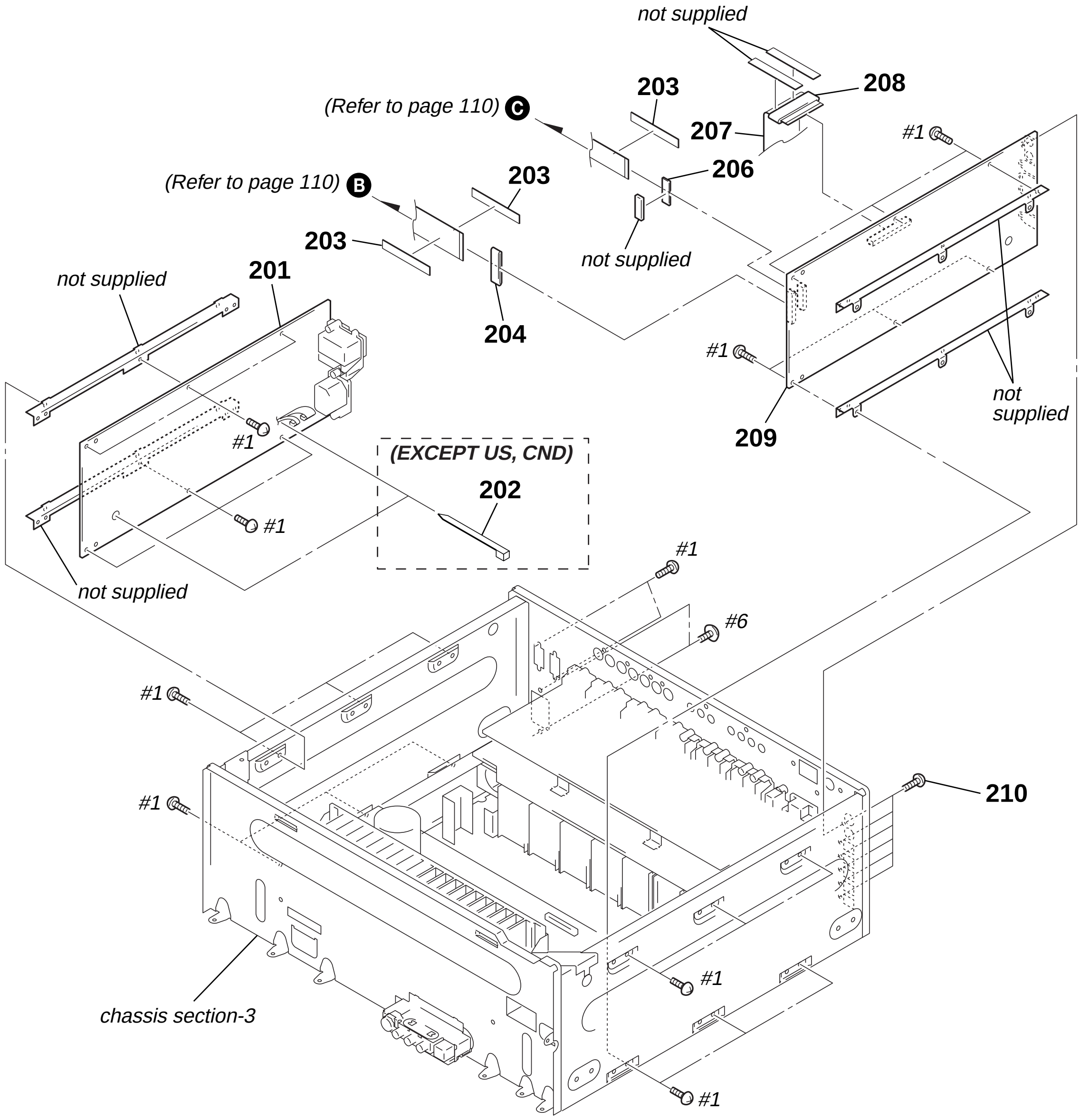
| Ref. No. | Part No. | Description | Remark |
|---|---|---|---|
| 109 | 4-246-509-61 | PANEL, FRONT (BLACK) | |
| 109 | 4-246-509-71 | PANEL, FRONT (GOLD: TW, KR) | |
| 110 | 4-246-107-01 | INDICATOR (A) | |
| 111 | 4-249-861-01 | PLATE, LIGHT INTERCEPTION | |
| 112 | 4-246-538-01 | PLATE, INDICATION (for GOLD, SILVER) | |
| 112 | 4-246-538-11 | PLATE, INDICATION (for BLACK) | |
| 113 | 4-240-391-01 | DAMPER, OIL | |
| 114 | 4-246-743-01 | GEAR (DAMPER) | |
| 115 | 4-951-620-01 | SCREW (2.6X8), +BVTP | |
| 116 | X-4955-639-2 | BASE ASSY, PANEL (SILVER) | |
| 116 | X-4955-640-2 | BASE ASSY, PANEL (GOLD) | |
| 116 | X-4955-641-2 | BASE ASSY, PANEL (BLACK) | |
| #1 | 7-685-646-79 | SCREW +BVTP 3X8 TYPE2 IT-3 | |
| #3 | 7-685-536-19 | SCREW +BTP 2.6X12 TYPE2 N-S | |
| #4 | 7-621-770-87 | SCREW +B 2.6X5 (for GOLD, SILVER) | |
| #4 | 7-621-775-20 | SCREW +B 2.6X5 (for BLACK) | |
| #5 | 7-685-853-04 | SCREW +BVTT 2X6 (S) | |

### 7-4. CHASSIS SECTION-1




| Ref. No. | Part No. | Description | Remark |
|---|---|---|---|
| 151 | 3-655-653-11 | BAND (TAITON), BINDING | |
| 152 | A-4734-119-A | CIS BOARD, COMPLETE (US, CND) | |
| 153 | A-4734-123-A | S-VIDEO BOARD, COMPLETE | |
| 154 | 1-469-969-11 | CLAMP, FERRITE (US, CND) | |
| 155 | 1-773-036-11 | WIRE (FLAT TYPE) (17 CORE) | |
| 156 | 1-769-878-11 | WIRE (FLAT TYPE) (7 CORE) (US, CND) | |
| 157 | 1-769-943-11 | WIRE (FLAT TYPE) (11 CORE) (US, CND, TW, KR) | |
| 157 | 1-773-007-11 | WIRE (FLAT TYPE) (15 CORE) (AEP) | |
| 158 | 4-974-510-11 | SCREW (+BV 3X8 CU) | |
| 161 | 3-655-653-21 | BAND (TAITON), BINDING (US, CND) | |
| TU2051 | 1-693-577-21 | TUNER (US, CND) | |
| TU2051 | 1-693-578-21 | TUNER (AEP) | |
| TU2051 | 1-693-580-23 | TUNER (TW, KR) | |

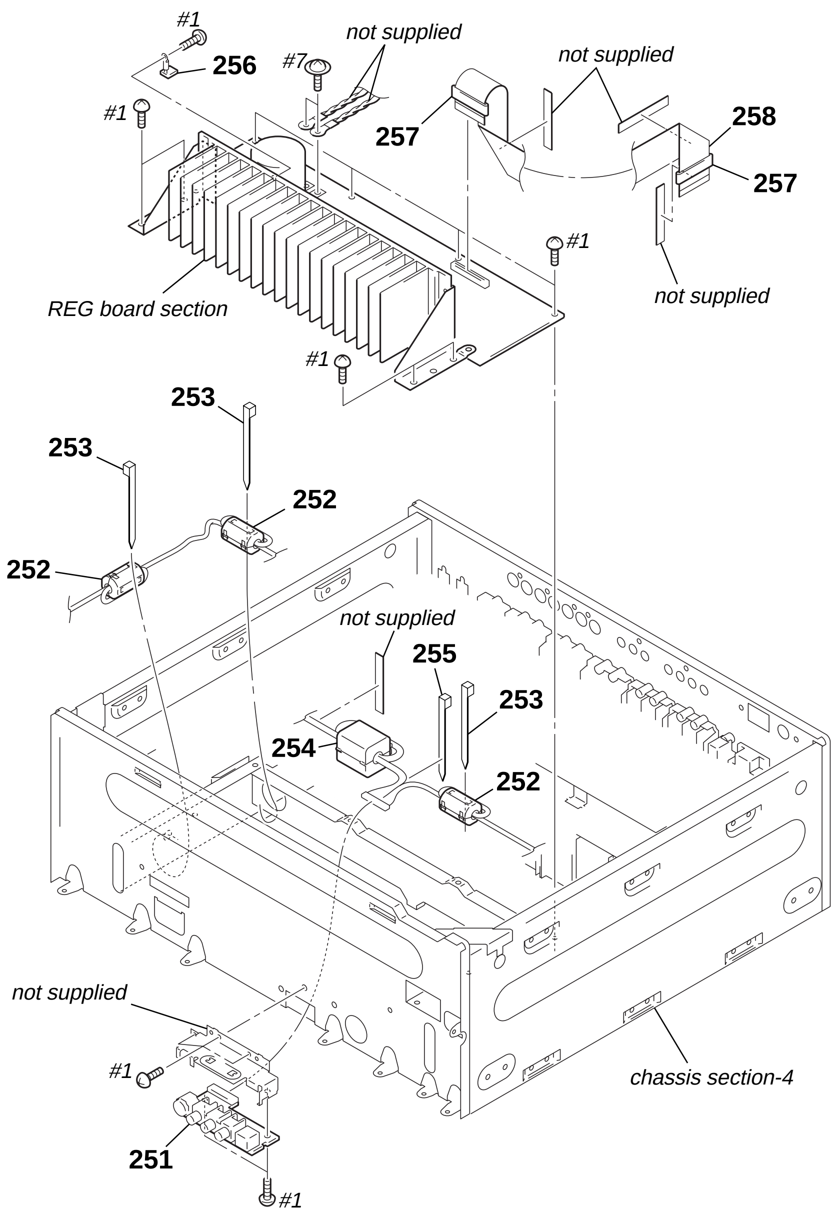
## 7-5. CHASSIS SECTION-2




| The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified. | Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié. |
|---|---|

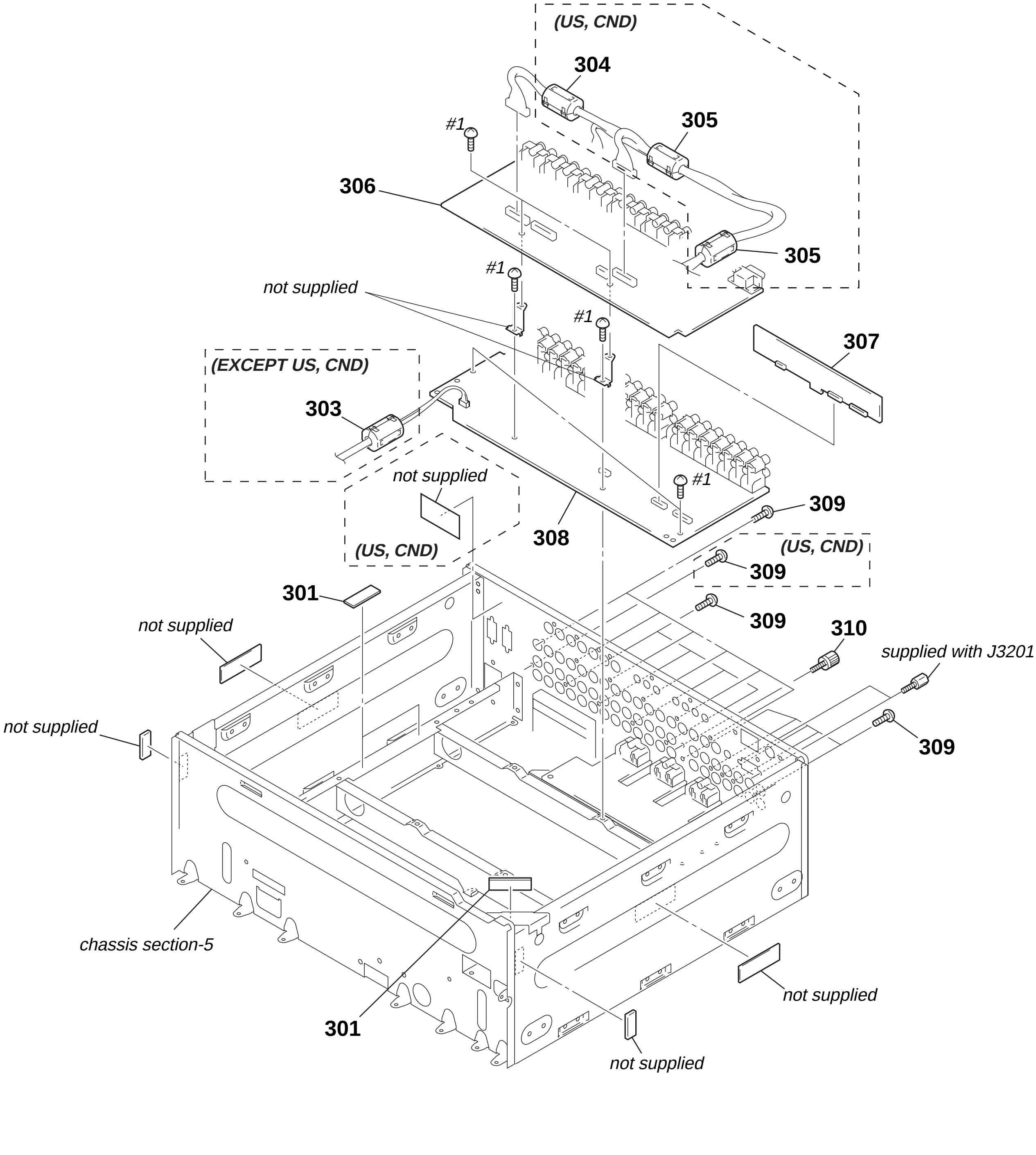
| Ref. No. | Part No. | Description | Remark |
|---|---|---|---|
| ⚠201 | 1-468-779-11 | REGULATOR, SWITCHING (US, CND, TW) | |
| ⚠201 | 1-468-780-11 | REGULATOR, SWITCHING (AEP) | |
| ⚠201 | 1-468-781-11 | REGULATOR, SWITCHING (KR) | |
| 202 | 3-655-653-21 | BAND (TAITON), BINDING | |
| 203 | 4-860-518-00 | CUSHION | |
| 204 | 1-500-472-11 | CORE, FERRITE | |
| * 206 | 1-500-169-11 | CORE (FPC) | |
| 207 | 1-773-390-11 | WIRE (FLAT TYPE) (35 CORE) | |
| 208 | 1-400-583-11 | CORE, FERRITE | |
| 209 | A-4734-135-A | DIGITAL BOARD, COMPLETE (US, CND) | |
| 209 | A-4734-149-A | DIGITAL BOARD, COMPLETE (TW, KR) | |
| 209 | A-4734-166-A | DIGITAL BOARD, COMPLETE (AEP) | |
| 210 | 4-974-510-11 | SCREW (+BV 3X8 CU) | |
| #1 | 7-685-646-79 | SCREW +BVTP 3X8 TYPE2 IT-3 | |
| #6 | 7-685-659-79 | SCREW +BVTP 4X8 TYPE2 IT-3 | |

### 7-6. CHASSIS SECTION-3



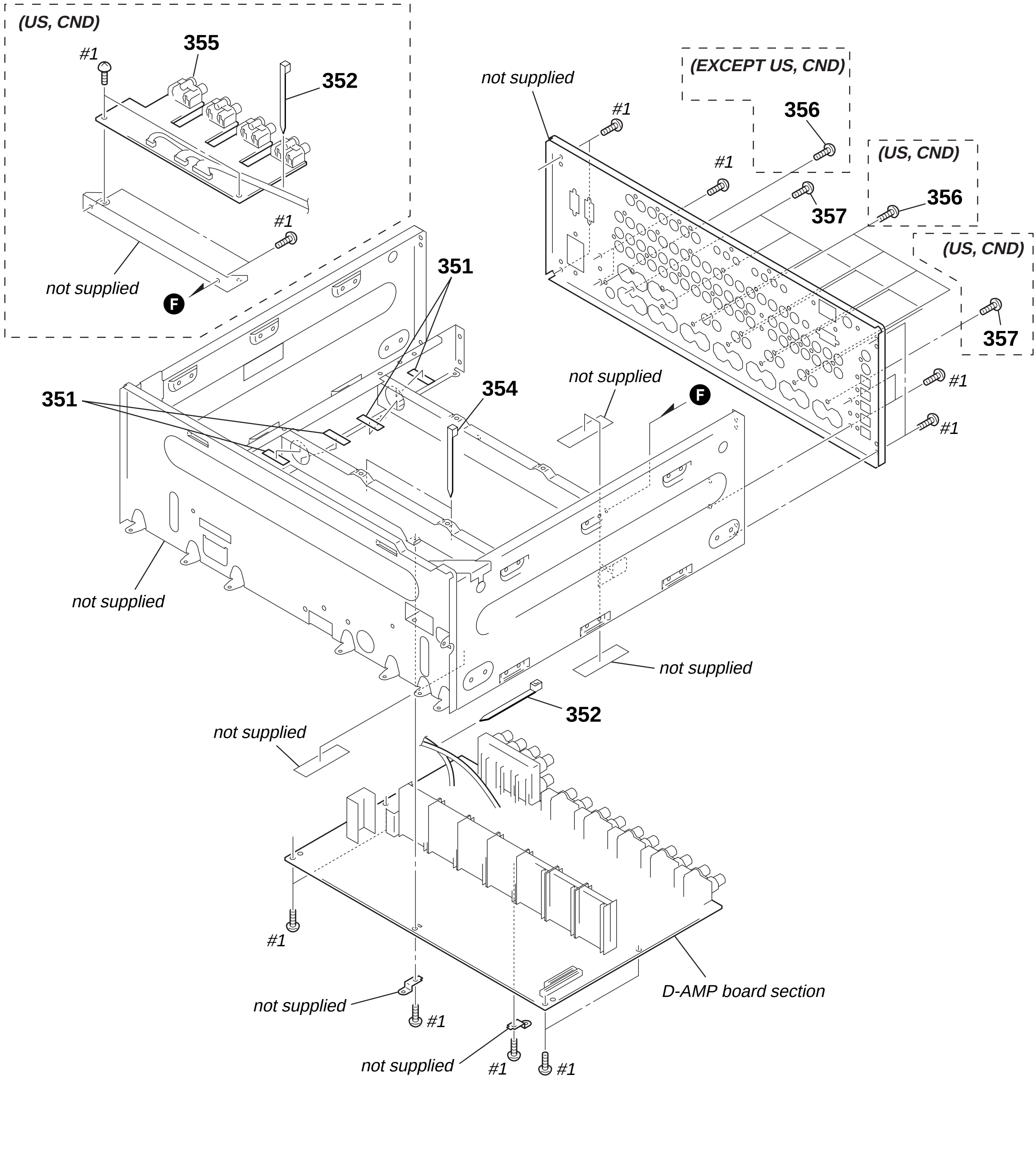

| Ref. No. | Part No. | Description | Remark |
|---|---|---|---|
| 251 | A-4733-994-A | VIDEO3 BOARD, COMPLETE | |
| 252 | 1-469-969-11 | CLAMP, FERRITE | |
| 253 | 3-655-653-11 | BAND (TAITON), BINDING | |
| 254 | 1-500-037-11 | CORE, FERRITE (WITH CASE) | |
| 255 | 3-655-653-21 | BAND (TAITON), BINDING | |
| 256 | 1-688-732-11 | THERMISTOR BOARD | |
| 257 | 1-469-854-11 | CORE, FERRITE | |
| 258 | 1-773-221-11 | WIRE (FLAT TYPE) (25 CORE) | |
| #1 | 7-685-646-79 | SCREW +BVTP 3X8 TYPE2 IT-3 | |
| #7 | 7-682-948-01 | SCREW +PSW 3X8 | |

## 7-7. CHASSIS SECTION-4



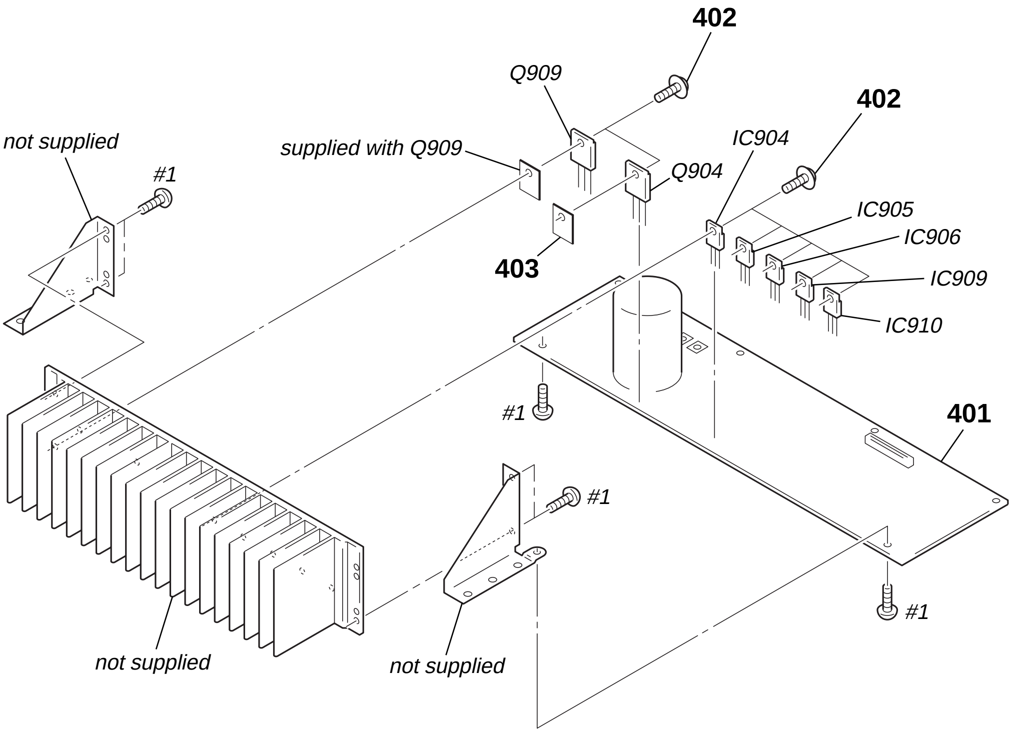

| Ref. No. | Part No. | Description | Remark |
|---|---|---|---|
| 301 | 4-860-518-00 | CUSHION | |
| 303 | 1-500-753-11 | CLAMP, FERRITE (EXCEPT US, CND) | |
| 304 | 1-469-969-11 | CLAMP, FERRITE (US, CND) | |
| 305 | 1-400-061-11 | CORE, FERRITE (CLAMP FILTER) (US, CND) | |
| 306 | A-4734-132-A | VIDEO BOARD, COMPLETE (US, CND) | |
| 306 | A-4734-146-A | VIDEO BOARD, COMPLETE (TW, KR) | |
| 306 | A-4734-159-A | VIDEO BOARD, COMPLETE (AEP) | |
| 307 | A-4749-884-A | ANALOG SUB BOARD, COMPLETE (US, CND) | |
| 307 | A-4749-886-A | ANALOG SUB BOARD, COMPLETE (EXCEPT US, CND) | |
| 308 | A-4734-130-A | AUDIO BOARD, COMPLETE (US, CND) | |
| 308 | A-4734-157-A | AUDIO BOARD, COMPLETE (EXCEPT US, CND) | |
| 309 | 4-974-510-11 | SCREW (+BV 3X8 CU) | |
| 310 | 4-947-010-01 | SCREW, FEEDER FIXED | |
| #1 | 7-685-646-79 | SCREW +BVTP 3X8 TYPE2 IT-3 | |

## 7-8. CHASSIS SECTION-5



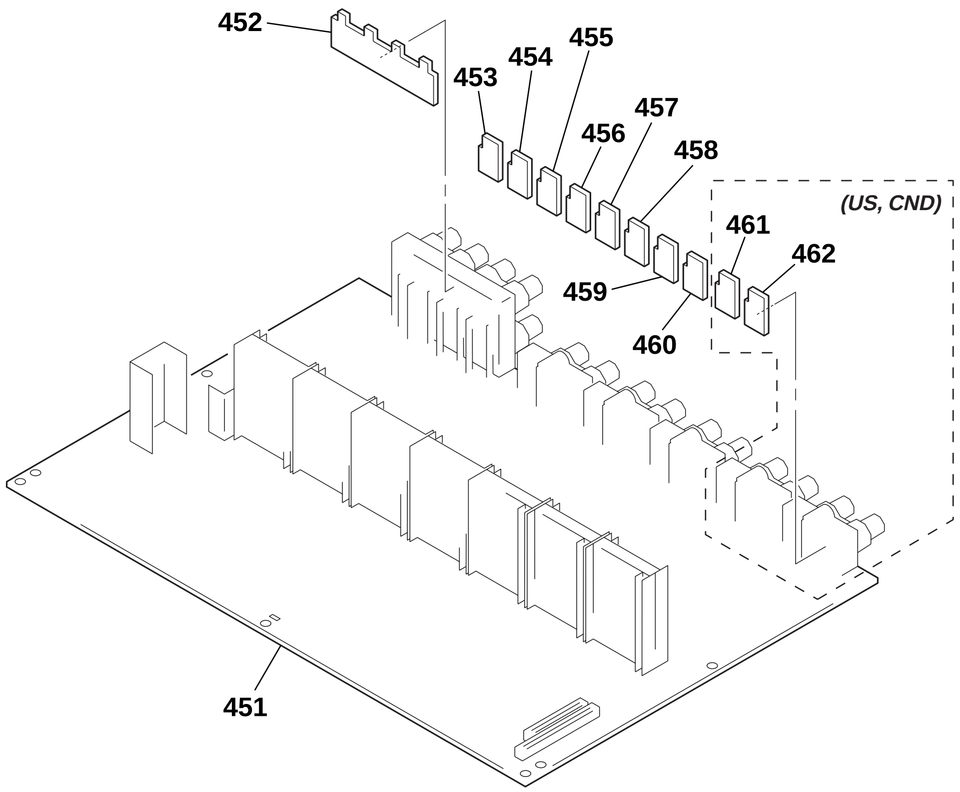

| Ref. No. | Part No. | Description | Remark |
|---|---|---|---|
| 351 | 4-860-518-00 | CUSHION | |
| 352 | 3-655-653-21 | BAND (TAITON), BINDING | |
| 354 | 3-655-653-11 | BAND (TAITON), BINDING | |
| 355 | A-4734-125-A | PRE-OUT BOARD, COMPLETE (US, CND) | |
| 356 | 4-974-510-11 | SCREW (+BV 3X8 CU) | |
| 357 | 3-704-515-51 | SCREW (BV/RING) | |
| #1 | 7-685-646-79 | SCREW +BVTP 3X8 TYPE2 IT-3 | |

## 7-9. REG BOARD SECTION




| Ref. No. | Part No. | Description | Remark |
|---|---|---|---|
| 401 | A-4734-121-A | REG BOARD, COMPLETE (US, CND) | |
| 401 | A-4734-162-A | REG BOARD, COMPLETE (EXCEPT US, CND) | |
| 402 | 3-905-609-11 | SCREW (TRANSISTOR) | |
| 403 | 4-383-023-01 | SPACER, MICA | |
| IC904 | 8-759-231-53 | IC TA7805S | |
| IC905 | 8-759-394-36 | IC BA09T | |
| IC906 | 8-759-245-79 | IC TA79005S | |
| IC909 | 8-759-445-59 | IC BA033T | |
| IC910 | 8-759-231-53 | IC TA7805S | |
| Q904 | 6-550-625-01 | TRANSISTOR 2SK1381 | |
| Q909 | 6-702-390-01 | IC MN2488-OPY-MK | |
| #1 | 7-685-646-79 | SCREW +BVTP 3X8 TYPE2 IT-3 | |

## 7-10. D-AMP BOARD SECTION




| Ref. No. | Part No. | Description | Remark |
|---|---|---|---|
| 451 | A-4734-137-A | D-AMP BOARD, COMPLETE (US, CND) | |
| 451 | A-4734-151-A | D-AMP BOARD, COMPLETE (TW, KR) | |
| 451 | A-4734-168-A | D-AMP BOARD, COMPLETE (AEP) | |
| 452 | 1-860-490-11 | SP TM (A) BOARD | |
| 453 | 1-860-491-11 | SP TM (B) BOARD | |
| 454 | 1-860-492-11 | SP TM (C) BOARD | |
| 455 | 1-860-493-11 | SP TM (D) BOARD | |
| 456 | 1-860-494-11 | SP TM (E) BOARD | |
| 457 | 1-860-495-11 | SP TM (F) BOARD | |
| 458 | 1-860-496-11 | SP TM (G) BOARD | |
| 459 | 1-860-497-11 | SP TM (H) BOARD | |
| 460 | 1-860-498-11 | SP TM (I) BOARD | |
| 461 | 1-860-499-11 | SP TM (J) BOARD (US, CND) | |
| 462 | 1-860-500-11 | SP TM (K) BOARD (US, CND) | |

# SECTION 8
# ELECTRICAL PARTS LIST



NOTE:

- Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set.
- -XX and -X mean standardized parts, so they may have some difference from the original one.
- RESISTORS
  All resistors are in ohms.
  METAL: Metal-film resistor.
  METAL OXIDE: Metal oxide-film resistor.
  F: nonflammable
- Abbreviation
  CND : Canadian model
  KR : Korean model
  TW : Taiwan model

- Items marked "*" are not stocked since they are seldom required for routine service.
  Some delay should be anticipated when ordering these items.
- SEMICONDUCTORS
  In each case, u: μ, for example:
  uA. . : μA. . uPA. . : μPA. .
  uPB. . : μPB. . uPC. . : μPC. .
  uPD. . : μPD. .
- CAPACITORS
  uF: μF
- COILS
  uH: μH

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

Les composants identifiés par une marque ⚠ sont critiquens pour la sécurité.
Ne les remplacer que par une pièce portant le numéro spécifié.

When indicating parts by reference number, please include the board.

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| | A-4749-884-A | ANALOG SUB BOARD, COMPLETE (US, CND) | | | |
| | A-4749-886-A | ANALOG SUB BOARD, COMPLETE | | | |
| | | | | | (EXCEPT US, CND) |
| | | ************************** | | | |
| | | < CAPACITOR > | | | |
| C111 | 1-137-431-11 | MYLAR | 560PF | 5% | 50V |
| C113 | 1-119-825-11 | ELECT | 22uF | 20% | 50V |
| | | | | | (EXCEPT US, CND) |
| C113 | 1-128-858-11 | ELECT | 22uF | 20% | 50V |
| | | | | | (US, CND) |
| C114 | 1-135-835-91 | ELECT | 1000uF | | 16V |
| C115 | 1-135-835-91 | ELECT | 1000uF | | 16V |
| C116 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C117 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C141 | 1-137-431-11 | MYLAR | 560PF | 5% | 50V |
| C143 | 1-119-825-11 | ELECT | 22uF | 20% | 50V |
| | | | | | (EXCEPT US, CND) |
| C143 | 1-128-858-11 | ELECT | 22uF | 20% | 50V |
| | | | | | (US, CND) |
| C147 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C148 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C161 | 1-137-431-11 | MYLAR | 560PF | 5% | 50V |
| C163 | 1-119-825-11 | ELECT | 22uF | 20% | 50V |
| | | | | | (EXCEPT US, CND) |
| C163 | 1-128-858-11 | ELECT | 22uF | 20% | 50V |
| | | | | | (US, CND) |
| C167 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C168 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C181 | 1-137-431-11 | MYLAR | 560PF | 5% | 50V |
| C183 | 1-119-825-11 | ELECT | 22uF | 20% | 50V |
| | | | | | (EXCEPT US, CND) |
| C183 | 1-128-858-11 | ELECT | 22uF | 20% | 50V |
| | | | | | (US, CND) |
| C187 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C188 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C211 | 1-137-431-11 | MYLAR | 560PF | 5% | 50V |
| C213 | 1-119-825-11 | ELECT | 22uF | 20% | 50V |
| | | | | | (EXCEPT US, CND) |
| C213 | 1-128-858-11 | ELECT | 22uF | 20% | 50V |
| | | | | | (US, CND) |
| C216 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C217 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C241 | 1-137-431-11 | MYLAR | 560PF | 5% | 50V |
| C243 | 1-119-825-11 | ELECT | 22uF | 20% | 50V |
| | | | | | (EXCEPT US, CND) |
| C243 | 1-128-858-11 | ELECT | 22uF | 20% | 50V |
| | | | | | (US, CND) |
| C247 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C248 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C261 | 1-137-431-11 | MYLAR | 560PF | 5% | 50V |
| C263 | 1-119-825-11 | ELECT | 22uF | 20% | 50V |
| | | | | | (EXCEPT US, CND) |
| C263 | 1-128-858-11 | ELECT | 22uF | 20% | 50V |
| | | | | | (US, CND) |
| C267 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C268 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C281 | 1-137-431-11 | MYLAR | 560PF | 5% | 50V |
| C283 | 1-119-825-11 | ELECT | 22uF | 20% | 50V |
| | | | | | (EXCEPT US, CND) |
| C283 | 1-128-858-11 | ELECT | 22uF | 20% | 50V |
| | | | | | (US, CND) |
| C287 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C288 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| | | < CONNECTOR > | | | |
| CNP601 | 1-784-927-11 | PIN, CONNECTOR 12P | | | |
| CNP602 | 1-784-928-11 | PIN, CONNECTOR 13P | | | |
| CNP620 | 1-784-041-41 | CONNECTOR, BOARD TO BOARD 9P | | | |
| CNP621 | 1-766-724-11 | CONNECTOR, BOARD TO BOARD 7P | | | |
| CNP622 | 1-770-011-41 | CONNECTOR, BOARD TO BOARD 4P | | | |
| | | < IC > | | | |
| IC111 | 8-759-832-29 | IC NJM4580M-(TE2) | | | |
| IC141 | 8-759-832-29 | IC NJM4580M-(TE2) | | | |
| IC161 | 8-759-832-29 | IC NJM4580M-(TE2) | | | |
| IC181 | 8-759-832-29 | IC NJM4580M-(TE2) | | | |
| IC211 | 8-759-832-29 | IC NJM4580M-(TE2) | | | |
| IC241 | 8-759-832-29 | IC NJM4580M-(TE2) | | | |
| IC261 | 8-759-832-29 | IC NJM4580M-(TE2) | | | |
| IC281 | 8-759-832-29 | IC NJM4580M-(TE2) | | | |
| | | < RESISTOR > | | | |
| R111 | 1-216-619-11 | METAL CHIP | 47 | 0.5% | 1/10W |
| R112 | 1-216-675-11 | METAL CHIP | 1K | 0.5% | 1/10W |
| R113 | 1-216-675-11 | METAL CHIP | 1K | 0.5% | 1/10W |
| R114 | 1-216-619-11 | METAL CHIP | 47 | 0.5% | 1/10W |
| R115 | 1-216-670-11 | METAL CHIP | 6.2K | 0.5% | 1/10W |
| R116 | 1-216-683-11 | METAL CHIP | 22K | 0.5% | 1/10W |
| R119 | 1-216-675-11 | METAL CHIP | 1K | 0.5% | 1/10W |

## ANALOG SUB | AUDIO

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| R120 | 1-216-675-11 | METAL CHIP | 1K | 0.5% | 1/10W |
| R141 | 1-216-619-11 | METAL CHIP | 47 | 0.5% | 1/10W |
| R142 | 1-216-675-11 | METAL CHIP | 1K | 0.5% | 1/10W |
| R143 | 1-216-675-11 | METAL CHIP | 1K | 0.5% | 1/10W |
| R144 | 1-216-619-11 | METAL CHIP | 47 | 0.5% | 1/10W |
| R145 | 1-216-670-11 | METAL CHIP | 6.2K | 0.5% | 1/10W |
| R146 | 1-216-683-11 | METAL CHIP | 22K | 0.5% | 1/10W |
| R149 | 1-216-675-11 | METAL CHIP | 1K | 0.5% | 1/10W |
| R150 | 1-216-675-11 | METAL CHIP | 1K | 0.5% | 1/10W |
| R161 | 1-216-619-11 | METAL CHIP | 47 | 0.5% | 1/10W |
| R162 | 1-216-675-11 | METAL CHIP | 1K | 0.5% | 1/10W |
| R163 | 1-216-675-11 | METAL CHIP | 1K | 0.5% | 1/10W |
| R164 | 1-216-619-11 | METAL CHIP | 47 | 0.5% | 1/10W |
| R165 | 1-216-670-11 | METAL CHIP | 6.2K | 0.5% | 1/10W |
| R166 | 1-216-683-11 | METAL CHIP | 22K | 0.5% | 1/10W |
| R169 | 1-216-675-11 | METAL CHIP | 1K | 0.5% | 1/10W |
| R170 | 1-216-675-11 | METAL CHIP | 1K | 0.5% | 1/10W |
| R181 | 1-216-619-11 | METAL CHIP | 47 | 0.5% | 1/10W |
| R182 | 1-216-675-11 | METAL CHIP | 1K | 0.5% | 1/10W |
| R183 | 1-216-675-11 | METAL CHIP | 1K | 0.5% | 1/10W |
| R184 | 1-216-619-11 | METAL CHIP | 47 | 0.5% | 1/10W |
| R185 | 1-216-670-11 | METAL CHIP | 6.2K | 0.5% | 1/10W |
| R186 | 1-216-683-11 | METAL CHIP | 22K | 0.5% | 1/10W |
| R189 | 1-216-675-11 | METAL CHIP | 1K | 0.5% | 1/10W |
| R190 | 1-216-675-11 | METAL CHIP | 1K | 0.5% | 1/10W |
| R191 | 1-216-849-11 | METAL CHIP | 220K | 5% | 1/10W |
| R192 | 1-216-849-11 | METAL CHIP | 220K | 5% | 1/10W |
| R193 | 1-216-849-11 | METAL CHIP | 220K | 5% | 1/10W |
| R194 | 1-216-849-11 | METAL CHIP | 220K | 5% | 1/10W |
| R195 | 1-216-849-11 | METAL CHIP | 220K | 5% | 1/10W |
| R196 | 1-216-849-11 | METAL CHIP | 220K | 5% | 1/10W |
| R197 | 1-216-849-11 | METAL CHIP | 220K | 5% | 1/10W |
| R198 | 1-216-849-11 | METAL CHIP | 220K | 5% | 1/10W |
| R199 | 1-216-849-11 | METAL CHIP | 220K | 5% | 1/10W |
| R200 | 1-216-849-11 | METAL CHIP | 220K | 5% | 1/10W |
| R201 | 1-216-849-11 | METAL CHIP | 220K | 5% | 1/10W |
| R202 | 1-216-849-11 | METAL CHIP | 220K | 5% | 1/10W |
| R203 | 1-216-849-11 | METAL CHIP | 220K | 5% | 1/10W |
| R204 | 1-216-849-11 | METAL CHIP | 220K | 5% | 1/10W |
| R205 | 1-216-849-11 | METAL CHIP | 220K | 5% | 1/10W |
| R206 | 1-216-849-11 | METAL CHIP | 220K | 5% | 1/10W |
| R211 | 1-216-619-11 | METAL CHIP | 47 | 0.5% | 1/10W |
| R212 | 1-216-675-11 | METAL CHIP | 1K | 0.5% | 1/10W |
| R213 | 1-216-675-11 | METAL CHIP | 1K | 0.5% | 1/10W |
| R214 | 1-216-619-11 | METAL CHIP | 47 | 0.5% | 1/10W |
| R215 | 1-216-670-11 | METAL CHIP | 6.2K | 0.5% | 1/10W |
| R216 | 1-216-683-11 | METAL CHIP | 22K | 0.5% | 1/10W |
| R219 | 1-216-675-11 | METAL CHIP | 1K | 0.5% | 1/10W |
| R220 | 1-216-675-11 | METAL CHIP | 1K | 0.5% | 1/10W |
| R241 | 1-216-619-11 | METAL CHIP | 47 | 0.5% | 1/10W |
| R242 | 1-216-675-11 | METAL CHIP | 1K | 0.5% | 1/10W |
| R243 | 1-216-675-11 | METAL CHIP | 1K | 0.5% | 1/10W |
| R244 | 1-216-619-11 | METAL CHIP | 47 | 0.5% | 1/10W |
| R245 | 1-216-670-11 | METAL CHIP | 6.2K | 0.5% | 1/10W |
| R246 | 1-216-683-11 | METAL CHIP | 22K | 0.5% | 1/10W |
| R249 | 1-216-675-11 | METAL CHIP | 1K | 0.5% | 1/10W |
| R250 | 1-216-675-11 | METAL CHIP | 1K | 0.5% | 1/10W |
| R261 | 1-216-619-11 | METAL CHIP | 47 | 0.5% | 1/10W |
| R262 | 1-216-675-11 | METAL CHIP | 1K | 0.5% | 1/10W |
| R263 | 1-216-675-11 | METAL CHIP | 1K | 0.5% | 1/10W |
| R264 | 1-216-619-11 | METAL CHIP | 47 | 0.5% | 1/10W |
| R265 | 1-216-670-11 | METAL CHIP | 6.2K | 0.5% | 1/10W |
| R266 | 1-216-683-11 | METAL CHIP | 22K | 0.5% | 1/10W |
| R269 | 1-216-675-11 | METAL CHIP | 1K | 0.5% | 1/10W |
| R270 | 1-216-675-11 | METAL CHIP | 1K | 0.5% | 1/10W |
| R281 | 1-216-619-11 | METAL CHIP | 47 | 0.5% | 1/10W |
| R282 | 1-216-675-11 | METAL CHIP | 1K | 0.5% | 1/10W |
| R283 | 1-216-675-11 | METAL CHIP | 1K | 0.5% | 1/10W |
| R284 | 1-216-619-11 | METAL CHIP | 47 | 0.5% | 1/10W |
| R285 | 1-216-670-11 | METAL CHIP | 6.2K | 0.5% | 1/10W |
| R286 | 1-216-683-11 | METAL CHIP | 22K | 0.5% | 1/10W |
| R289 | 1-216-675-11 | METAL CHIP | 1K | 0.5% | 1/10W |
| R290 | 1-216-675-11 | METAL CHIP | 1K | 0.5% | 1/10W |
| | | < VARIABLE RESISTOR > | | | |
| RV111 | 1-227-405-21 | RES, ADJ, CERMET | | 220 | |
| RV141 | 1-227-405-21 | RES, ADJ, CERMET | | 220 | |
| RV161 | 1-227-405-21 | RES, ADJ, CERMET | | 220 | |
| RV181 | 1-227-405-21 | RES, ADJ, CERMET | | 220 | |
| RV211 | 1-227-405-21 | RES, ADJ, CERMET | | 220 | |
| RV241 | 1-227-405-21 | RES, ADJ, CERMET | | 220 | |
| RV261 | 1-227-405-21 | RES, ADJ, CERMET | | 220 | |
| RV281 | 1-227-405-21 | RES, ADJ, CERMET | | 220 | |

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| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| | A-4734-130-A | AUDIO BOARD, COMPLETE (US, CND) | | | |
| | A-4734-157-A | AUDIO BOARD, COMPLETE (EXCEPT US, CND) | | | |
| | | ********************** | | | |
| | | < CAPACITOR > | | | |
| C112 | 1-119-825-41 | ELECT | 22uF | 20% | 50V (EXCEPT US, CND) |
| C112 | 1-128-858-11 | ELECT | 22uF | 20% | 50V (US, CND) |
| C121 | 1-119-825-41 | ELECT | 22uF | 20% | 50V (EXCEPT US, CND) |
| C121 | 1-128-858-11 | ELECT | 22uF | 20% | 50V (US, CND) |
| C122 | 1-119-825-41 | ELECT | 22uF | 20% | 50V (EXCEPT US, CND) |
| C122 | 1-128-858-11 | ELECT | 22uF | 20% | 50V (US, CND) |
| C126 | 1-119-825-41 | ELECT | 22uF | 20% | 50V (EXCEPT US, CND) |
| C126 | 1-128-858-11 | ELECT | 22uF | 20% | 50V (US, CND) |
| C127 | 1-119-825-41 | ELECT | 22uF | 20% | 50V (EXCEPT US, CND) |
| C127 | 1-128-858-11 | ELECT | 22uF | 20% | 50V (US, CND) |
| C128 | 1-119-825-41 | ELECT | 22uF | 20% | 50V (EXCEPT US, CND) |
| C128 | 1-128-858-11 | ELECT | 22uF | 20% | 50V (US, CND) |
| C142 | 1-119-825-41 | ELECT | 22uF | 20% | 50V (EXCEPT US, CND) |
| C142 | 1-128-858-11 | ELECT | 22uF | 20% | 50V (US, CND) |

**AUDIO**

| Ref. No. | Part No. | Description | | | | Remark |
|---|---|---|---|---|---|---|
| C162 | 1-119-825-41 | ELECT | 22uF | 20% | 50V | (EXCEPT US, CND) |
| C162 | 1-128-858-11 | ELECT | 22uF | 20% | 50V | (US, CND) |
| C182 | 1-119-825-41 | ELECT | 22uF | 20% | 50V | (EXCEPT US, CND) |
| C182 | 1-128-858-11 | ELECT | 22uF | 20% | 50V | (US, CND) |
| C212 | 1-119-825-41 | ELECT | 22uF | 20% | 50V | (EXCEPT US, CND) |
| C212 | 1-128-858-11 | ELECT | 22uF | 20% | 50V | (US, CND) |
| C221 | 1-119-825-41 | ELECT | 22uF | 20% | 50V | (EXCEPT US, CND) |
| C221 | 1-128-858-11 | ELECT | 22uF | 20% | 50V | (US, CND) |
| C222 | 1-119-825-41 | ELECT | 22uF | 20% | 50V | (EXCEPT US, CND) |
| C222 | 1-128-858-11 | ELECT | 22uF | 20% | 50V | (US, CND) |
| C226 | 1-119-825-41 | ELECT | 22uF | 20% | 50V | (EXCEPT US, CND) |
| C226 | 1-128-858-11 | ELECT | 22uF | 20% | 50V | (US, CND) |
| C227 | 1-119-825-41 | ELECT | 22uF | 20% | 50V | (EXCEPT US, CND) |
| C227 | 1-128-858-11 | ELECT | 22uF | 20% | 50V | (US, CND) |
| C228 | 1-119-825-41 | ELECT | 22uF | 20% | 50V | (EXCEPT US, CND) |
| C228 | 1-128-858-11 | ELECT | 22uF | 20% | 50V | (US, CND) |
| C242 | 1-119-825-41 | ELECT | 22uF | 20% | 50V | (EXCEPT US, CND) |
| C242 | 1-128-858-11 | ELECT | 22uF | 20% | 50V | (US, CND) |
| C262 | 1-119-825-41 | ELECT | 22uF | 20% | 50V | (EXCEPT US, CND) |
| C262 | 1-128-858-11 | ELECT | 22uF | 20% | 50V | (US, CND) |
| C282 | 1-119-825-41 | ELECT | 22uF | 20% | 50V | (EXCEPT US, CND) |
| C282 | 1-128-858-11 | ELECT | 22uF | 20% | 50V | (US, CND) |
| C326 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V | |
| C327 | 1-163-021-11 | CERAMIC CHIP | 0.01uF | 10% | 50V | |
| C328 | 1-164-161-11 | CERAMIC CHIP | 0.0022uF | 10% | 50V | |
| C329 | 1-164-161-11 | CERAMIC CHIP | 0.0022uF | 10% | 50V | |
| C341 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V | |
| C342 | 1-163-021-11 | CERAMIC CHIP | 0.01uF | 10% | 50V | |
| C343 | 1-164-161-11 | CERAMIC CHIP | 0.0022uF | 10% | 50V | |
| C344 | 1-164-161-11 | CERAMIC CHIP | 0.0022uF | 10% | 50V | |
| C401 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V | (EXCEPT US, CND) |
| C402 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V | (EXCEPT US, CND) |
| C403 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V | (EXCEPT US, CND) |
| C404 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V | (EXCEPT US, CND) |
| C405 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V | (EXCEPT US, CND) |
| C406 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V | (EXCEPT US, CND) |
| C407 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V | (EXCEPT US, CND) |
| C411 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V | (EXCEPT US, CND) |
| C412 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V | (EXCEPT US, CND) |
| C413 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V | (EXCEPT US, CND) |
| C414 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V | (EXCEPT US, CND) |
| C415 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V | (EXCEPT US, CND) |
| C416 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V | (EXCEPT US, CND) |
| C417 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V | (EXCEPT US, CND) |
| C418 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V | (EXCEPT US, CND) |
| C419 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V | (EXCEPT US, CND) |
| C420 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V | (EXCEPT US, CND) |
| C421 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V | (EXCEPT US, CND) |
| C422 | 1-119-825-41 | ELECT | 22uF | 20% | 50V | (EXCEPT US, CND) |
| C422 | 1-128-858-11 | ELECT | 22uF | 20% | 50V | (US, CND) |
| C423 | 1-119-825-41 | ELECT | 22uF | 20% | 50V | (EXCEPT US, CND) |
| C423 | 1-128-858-11 | ELECT | 22uF | 20% | 50V | (US, CND) |
| C424 | 1-119-825-41 | ELECT | 22uF | 20% | 50V | (EXCEPT US, CND) |
| C424 | 1-128-858-11 | ELECT | 22uF | 20% | 50V | (US, CND) |
| C425 | 1-119-825-41 | ELECT | 22uF | 20% | 50V | (EXCEPT US, CND) |
| C425 | 1-128-858-11 | ELECT | 22uF | 20% | 50V | (US, CND) |
| C431 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V | (EXCEPT US, CND) |
| C432 | 1-163-125-00 | CERAMIC CHIP | 220PF | 5% | 50V | (EXCEPT US, CND) |
| C433 | 1-119-821-11 | ELECT | 2.2uF | 20% | 50V | |
| C434 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V | (EXCEPT US, CND) |
| C435 | 1-128-834-11 | ELECT | 470uF | 20% | 10V | |
| C436 | 1-125-896-91 | MYLAR | 0.0091uF | 5% | 50V | |
| C437 | 1-136-159-00 | MYLAR | 0.033uF | 5% | 50V | |
| C438 | 1-126-045-11 | ELECT | 2.2uF | 20% | 50V | |
| C441 | 1-128-858-11 | ELECT | 22uF | 20% | 50V | (US, CND) |
| C442 | 1-128-858-11 | ELECT | 22uF | 20% | 50V | (US, CND) |
| C443 | 1-128-858-11 | ELECT | 22uF | 20% | 50V | (US, CND) |
| C444 | 1-128-832-11 | ELECT | 220uF | 20% | 10V | (US, CND) |

## AUDIO

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| C445 | 1-137-505-11 | MYLAR | 220PF | 5% | 100V (US, CND) |
| C446 | 1-128-858-11 | ELECT | 22uF | 20% | 50V (US, CND) |
| C485 | 1-164-161-11 | CERAMIC CHIP | 0.0022uF | 10% | 50V |
| C486 | 1-164-161-11 | CERAMIC CHIP | 0.0022uF | 10% | 50V |
| C487 | 1-163-038-00 | CERAMIC CHIP | 0.1uF | | 25V |
| C488 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V |
| C491 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V (EXCEPT US, CND) |
| C492 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V (EXCEPT US, CND) |
| C493 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V (EXCEPT US, CND) |
| C494 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V (EXCEPT US, CND) |
| C495 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V (EXCEPT US, CND) |
| C496 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V (EXCEPT US, CND) |
| C497 | 1-117-681-11 | ELECT CHIP | 100uF | 20% | 16V |
| C498 | 1-126-395-11 | ELECT CHIP | 22uF | 20% | 16V |
| C499 | 1-117-681-11 | ELECT CHIP | 100uF | 20% | 16V |
| C501 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V (EXCEPT US, CND) |
| C502 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V (EXCEPT US, CND) |
| C503 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V (EXCEPT US, CND) |
| C504 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V (EXCEPT US, CND) |
| C505 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V (EXCEPT US, CND) |
| C506 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V (EXCEPT US, CND) |
| C507 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V (EXCEPT US, CND) |
| C511 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V (EXCEPT US, CND) |
| C512 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V (EXCEPT US, CND) |
| C513 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V (EXCEPT US, CND) |
| C514 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V (EXCEPT US, CND) |
| C515 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V (EXCEPT US, CND) |
| C516 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V (EXCEPT US, CND) |
| C517 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V (EXCEPT US, CND) |
| C518 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V (EXCEPT US, CND) |
| C519 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V (EXCEPT US, CND) |
| C520 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V (EXCEPT US, CND) |
| C521 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V (EXCEPT US, CND) |
| C522 | 1-119-825-41 | ELECT | 22uF | 20% | 50V (EXCEPT US, CND) |
| C522 | 1-128-858-11 | ELECT | 22uF | 20% | 50V (US, CND) |
| C523 | 1-119-825-41 | ELECT | 22uF | 20% | 50V (EXCEPT US, CND) |
| C523 | 1-128-858-11 | ELECT | 22uF | 20% | 50V (US, CND) |
| C524 | 1-119-825-41 | ELECT | 22uF | 20% | 50V (EXCEPT US, CND) |
| C524 | 1-128-858-11 | ELECT | 22uF | 20% | 50V (US, CND) |
| C525 | 1-119-825-41 | ELECT | 22uF | 20% | 50V (EXCEPT US, CND) |
| C525 | 1-128-858-11 | ELECT | 22uF | 20% | 50V (US, CND) |
| C531 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V (EXCEPT US, CND) |
| C532 | 1-163-125-00 | CERAMIC CHIP | 220PF | 5% | 50V (EXCEPT US, CND) |
| C533 | 1-119-821-11 | ELECT | 2.2uF | 20% | 50V |
| C534 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V (EXCEPT US, CND) |
| C535 | 1-128-834-11 | ELECT | 470uF | 20% | 10V |
| C536 | 1-125-896-91 | MYLAR | 0.0091uF | 5% | 50V |
| C537 | 1-136-159-00 | MYLAR | 0.033uF | 5% | 50V |
| C538 | 1-126-045-11 | ELECT | 2.2uF | 20% | 50V |
| C541 | 1-128-858-11 | ELECT | 22uF | 20% | 50V (US, CND) |
| C542 | 1-128-858-11 | ELECT | 22uF | 20% | 50V (US, CND) |
| C543 | 1-128-858-11 | ELECT | 22uF | 20% | 50V (US, CND) |
| C544 | 1-128-832-11 | ELECT | 220uF | 20% | 10V (US, CND) |
| C545 | 1-137-505-11 | MYLAR | 220PF | 5% | 100V (US, CND) |
| C546 | 1-128-858-11 | ELECT | 22uF | 20% | 50V (US, CND) |
| C585 | 1-164-161-11 | CERAMIC CHIP | 0.0022uF | 10% | 50V |
| C586 | 1-164-161-11 | CERAMIC CHIP | 0.0022uF | 10% | 50V |
| C587 | 1-163-038-00 | CERAMIC CHIP | 0.1uF | | 25V |
| C588 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V |
| C591 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V (EXCEPT US, CND) |
| C592 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V (EXCEPT US, CND) |
| C593 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V (EXCEPT US, CND) |
| C594 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V (EXCEPT US, CND) |
| C595 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V (EXCEPT US, CND) |
| C596 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V (EXCEPT US, CND) |
| C597 | 1-126-395-11 | ELECT CHIP | 22uF | 20% | 16V |
| C598 | 1-126-395-11 | ELECT CHIP | 22uF | 20% | 16V |
| C599 | 1-117-681-11 | ELECT CHIP | 100uF | 20% | 16V |
| C601 | 1-216-295-00 | SHORT CHIP | 0 | | |
| C602 | 1-216-295-00 | SHORT CHIP | 0 | | |
| C603 | 1-216-295-00 | SHORT CHIP | 0 | | |
| C604 | 1-216-295-00 | SHORT CHIP | 0 | | |
| C611 | 1-216-295-00 | SHORT CHIP | 0 | | |

**AUDIO**

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| C612 | 1-216-295-00 | SHORT CHIP | 0 | | |
| C613 | 1-216-295-00 | SHORT CHIP | 0 | | |
| C614 | 1-216-295-00 | SHORT CHIP | 0 | | |
| C615 | 1-216-295-00 | SHORT CHIP | 0 | | |
| C631 | 1-163-033-00 | CERAMIC CHIP | 0.022uF | | 50V |
| C632 | 1-163-033-00 | CERAMIC CHIP | 0.022uF | | 50V |
| C642 | 1-164-161-11 | CERAMIC CHIP | 0.0022uF | 10% | 50V (US, CND) |
| C643 | 1-164-161-11 | CERAMIC CHIP | 0.0022uF | 10% | 50V (US, CND) |
| C644 | 1-163-021-11 | CERAMIC CHIP | 0.01uF | 10% | 50V (US, CND) |
| C691 | 1-127-728-51 | ELECT | 2200uF | 20% | 25V (US, CND) |
| C691 | 1-135-686-51 | ELECT | 2200uF | | 25V (EXCEPT US, CND) |
| C692 | 1-127-728-51 | ELECT | 2200uF | 20% | 25V (US, CND) |
| C692 | 1-135-686-51 | ELECT | 2200uF | | 25V (EXCEPT US, CND) |
| C693 | 1-127-728-51 | ELECT | 2200uF | 20% | 25V (US, CND) |
| C693 | 1-135-686-51 | ELECT | 2200uF | | 25V (EXCEPT US, CND) |
| C694 | 1-136-169-00 | MYLAR | 0.22uF | 5% | 50V |
| C695 | 1-136-169-00 | MYLAR | 0.22uF | 5% | 50V |
| C696 | 1-119-803-11 | ELECT | 470uF | 20% | 25V (EXCEPT US, CND) |
| C696 | 1-127-726-91 | ELECT | 470uF | 20% | 25V (US, CND) |
| C697 | 1-136-169-00 | MYLAR | 0.22uF | 5% | 50V |
| C698 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| | | < CONNECTOR > | | | |
| CNP603 | 1-564-320-00 | PIN, CONNECTOR (3.96mm PITCH) 2P | | | |
| CNP604 | 1-784-926-11 | PIN, CONNECTOR 11P | | | |
| CNP605 | 1-691-767-11 | PLUG (MICRO CONNECTOR) 5P | | | |
| CNP606 | 1-779-978-11 | PIN, CONNECTOR 3P | | | |
| CNP607 | 1-564-320-00 | PIN, CONNECTOR (3.96mm PITCH) 2P | | | |
| CNP608 | 1-564-320-00 | PIN, CONNECTOR (3.96mm PITCH) 2P | | | |
| CNP609 | 1-691-765-11 | PLUG (MICRO CONNECTOR) 3P (US, CND) | | | |
| CNP610 | 1-564-320-00 | PIN, CONNECTOR (3.96mm PITCH) 2P | | | |
| CNP611 | 1-564-320-00 | PIN, CONNECTOR (3.96mm PITCH) 2P | | | (US, CND) |
| CNP612 | 1-784-922-11 | PIN, CONNECTOR 5P (EXCEPT US, CND) | | | |
| CNP613 | 1-691-766-11 | PLUG (MICRO CONNECTOR) 4P | | | |
| CNP617 | 1-784-038-11 | CONNECTOR, BOARD TO BOARD 9P | | | |
| * CNP618 | 1-766-600-11 | CONNECTOR, BOARD TO BOARD 7P | | | |
| CNP619 | 1-770-010-11 | CONNECTOR, BOARD TO BOARD 4P | | | |
| | | < DIODE > | | | |
| D641 | 8-719-988-61 | DIODE 1SS355TE-17 (US, CND) | | | |
| | | < GROUND TERMINAL > | | | |
| * EPT601 | 1-537-738-21 | TERMINAL, EARTH | | | |
| | | < IC > | | | |
| IC131 | 8-759-832-29 | IC NJM4580M-(TE2) | | | |
| IC231 | 8-759-832-29 | IC NJM4580M-(TE2) | | | |

| Ref. No. | Part No. | Description | Remark |
|---|---|---|---|
| IC301 | 8-759-832-29 | IC NJM4580M-(TE2) | |
| IC311 | 8-759-832-29 | IC NJM4580M-(TE2) | |
| IC312 | 8-759-832-29 | IC NJM4580M-(TE2) | |
| IC313 | 8-759-832-29 | IC NJM4580M-(TE2) | |
| IC321 | 8-759-832-29 | IC NJM4580M-(TE2) | |
| IC322 | 8-759-832-29 | IC NJM4580M-(TE2) | |
| IC326 | 8-759-835-79 | IC TC9274N-016 | |
| IC327 | 8-759-832-29 | IC NJM4580M-(TE2) | |
| IC341 | 8-759-835-79 | IC TC9274N-016 | |
| IC401 | 8-759-835-78 | IC TC9274N-015 | |
| IC501 | 8-759-835-78 | IC TC9274N-015 | |
| IC611 | 8-759-832-29 | IC NJM4580M-(TE2) | |
| IC612 | 8-759-832-29 | IC NJM4580M-(TE2) | |
| IC613 | 8-759-832-29 | IC NJM4580M-(TE2) | |
| IC614 | 8-759-832-29 | IC NJM4580M-(TE2) | |
| IC615 | 8-759-832-29 | IC NJM4580M-(TE2) | |
| IC616 | 8-759-832-29 | IC NJM4580M-(TE2) | |
| IC617 | 8-759-832-29 | IC NJM4580M-(TE2) | |
| IC618 | 8-759-832-29 | IC NJM4580M-(TE2) | |
| IC619 | 8-759-832-29 | IC NJM4580M-(TE2) | |
| IC620 | 8-759-832-29 | IC NJM4580M-(TE2) | |
| IC621 | 8-759-832-29 | IC NJM4580M-(TE2) | |
| IC641 | 8-759-832-29 | IC NJM4580M-(TE2) (US, CND) | |
| IC642 | 6-702-387-01 | IC CXD9725M (US, CND) | |
| IC643 | 8-759-832-29 | IC NJM4580M-(TE2) (US, CND) | |
| IC691 | 8-759-231-53 | IC TA7805S | |
| IC692 | 8-759-238-47 | IC TC74HCT7007AF(EL) | |
| | | < JACK > | |
| J601 | 1-695-188-31 | JACK, PIN 4P (MULTI CHANNEL INPUT 2 FRONT/SURROUND) | |
| J602 | 1-770-272-11 | JACK, PIN 2P (MULTI CHANNEL INPUT 2 SURR BACK) (US, CND) | |
| J602 | 1-770-377-31 | JACK, PIN 1P (MULTI CHANNEL INPUT 2 SURR BACK) (EXCEPT US, CND) | |
| J603 | 1-770-157-21 | JACK, PIN 2P (MULTI CHANNEL INPUT 2 CENTER/SUB WOOFER) | |
| J604 | 1-779-599-11 | JACK, PIN 6P (MULTI CHANNEL INPUT 1 FRONT/SURROUND/CENTER/SUB WOOFER) | |
| J605 | 1-774-411-11 | JACK, PIN 6P (PHONO IN, CD/DVD IN, MD DAT OUT) | |
| J606 | 1-774-411-11 | JACK, PIN 6P (MD/DAT IN, TAPE OUT, TAPE IN) | |
| J607 | 1-774-411-11 | JACK, PIN 6P (TV/SAT AUDIO IN, DVD AUDIO IN, VIDEO2 AUDIO OUT) | |
| J608 | 1-774-411-11 | JACK, PIN 6P (VIDEO2 AUDIO IN, VIDEO1 AUDIO IN, VIDEO1 AUDIO OUT) | |
| J609 | 1-770-272-11 | JACK, PIN 2P (2ND ZONE OUT AUDIO VARIABLE) (US, CND) (US, CND) | |
| | | < RESISTOR > | |
| JW1 | 1-216-295-00 | SHORT CHIP 0 (EXCEPT US, CND) | |
| | | < TRANSISTOR > | |
| Q631 | 8-729-230-49 | TRANSISTOR 2SC2712-YG (US, CND) | |
| Q632 | 8-729-027-24 | TRANSISTOR DTA114TKA-T146 (US, CND) | |
| Q641 | 8-729-230-49 | TRANSISTOR 2SC2712-YG (US, CND) | |

**AUDIO**

| Ref. No. | Part No. | Description | | | | Remark |
|---|---|---|---|---|---|---|
| | | < RESISTOR > | | | | |
| R117 | 1-216-238-00 | RES-CHIP | 47K | 2% | 1/8W | (US, CND) |
| R117 | 1-260-016-11 | CARBON MELF | 47K | 2% | 1/8W | (EXCEPT US, CND) |
| R121 | 1-216-222-00 | RES-CHIP | 1K | 2% | 1/8W | (US, CND) |
| R121 | 1-260-008-11 | CARBON MELF | 1K | 2% | 1/8W | (EXCEPT US, CND) |
| R122 | 1-208-561-11 | RES-CHIP | 27K | 2% | 1/8W | (US, CND) |
| R122 | 1-260-013-11 | CARBON MELF | 27K | 2% | 1/8W | (EXCEPT US, CND) |
| R123 | 1-216-222-00 | RES-CHIP | 1K | 2% | 1/8W | (US, CND) |
| R123 | 1-260-008-11 | CARBON MELF | 1K | 2% | 1/8W | (EXCEPT US, CND) |
| R124 | 1-216-222-00 | RES-CHIP | 1K | 2% | 1/8W | (US, CND) |
| R124 | 1-260-008-11 | CARBON MELF | 1K | 2% | 1/8W | (EXCEPT US, CND) |
| R125 | 1-216-238-00 | RES-CHIP | 47K | 2% | 1/8W | (US, CND) |
| R125 | 1-260-016-11 | CARBON MELF | 47K | 2% | 1/8W | (EXCEPT US, CND) |
| R126 | 1-216-222-00 | RES-CHIP | 1K | 2% | 1/8W | (US, CND) |
| R126 | 1-260-008-11 | CARBON MELF | 1K | 2% | 1/8W | (EXCEPT US, CND) |
| R127 | 1-216-222-00 | RES-CHIP | 1K | 2% | 1/8W | (US, CND) |
| R127 | 1-260-008-11 | CARBON MELF | 1K | 2% | 1/8W | (EXCEPT US, CND) |
| R128 | 1-216-222-00 | RES-CHIP | 1K | 2% | 1/8W | (US, CND) |
| R128 | 1-260-008-11 | CARBON MELF | 1K | 2% | 1/8W | (EXCEPT US, CND) |
| R129 | 1-208-565-41 | RES-CHIP | 39K | 2% | 1/8W | (US, CND) |
| R129 | 1-260-015-11 | CARBON MELF | 39K | 2% | 1/8W | (EXCEPT US, CND) |
| R130 | 1-208-561-11 | RES-CHIP | 27K | 2% | 1/8W | (US, CND) |
| R130 | 1-260-013-11 | CARBON MELF | 27K | 2% | 1/8W | (EXCEPT US, CND) |
| R131 | 1-208-516-41 | RES-CHIP | 18K | 2% | 1/8W | (US, CND) |
| R131 | 1-260-011-11 | CARBON MELF | 18K | 2% | 1/8W | (EXCEPT US, CND) |
| R132 | 1-208-810-11 | METAL CHIP | 15K | 0.5% | 1/10W | (US, CND) |
| R132 | 1-260-010-11 | CARBON MELF | 15K | 2% | 1/8W | (EXCEPT US, CND) |
| R133 | 1-208-810-11 | METAL CHIP | 15K | 0.5% | 1/10W | (US, CND) |
| R133 | 1-260-010-11 | CARBON MELF | 15K | 2% | 1/8W | (EXCEPT US, CND) |
| R134 | 1-216-214-00 | RES-CHIP | 4.7K | 2% | 1/8W | (US, CND) |
| R134 | 1-260-004-11 | CARBON MELF | 4.7K | 2% | 1/8W | (EXCEPT US, CND) |
| R135 | 1-216-222-00 | RES-CHIP | 1K | 2% | 1/8W | (US, CND) |
| R135 | 1-260-008-11 | CARBON MELF | 1K | 2% | 1/8W | (EXCEPT US, CND) |
| R136 | 1-216-238-00 | RES-CHIP | 47K | 2% | 1/8W | (US, CND) |
| R136 | 1-260-016-11 | CARBON MELF | 47K | 2% | 1/8W | (EXCEPT US, CND) |
| R147 | 1-216-238-00 | RES-CHIP | 47K | 2% | 1/8W | (US, CND) |
| R147 | 1-260-016-11 | CARBON MELF | 47K | 2% | 1/8W | (EXCEPT US, CND) |
| R148 | 1-216-238-00 | RES-CHIP | 47K | 2% | 1/8W | (US, CND) |
| R148 | 1-260-016-11 | CARBON MELF | 47K | 2% | 1/8W | (EXCEPT US, CND) |
| R167 | 1-216-238-00 | RES-CHIP | 47K | 2% | 1/8W | (US, CND) |
| R167 | 1-260-016-11 | CARBON MELF | 47K | 2% | 1/8W | (EXCEPT US, CND) |
| R168 | 1-216-238-00 | RES-CHIP | 47K | 2% | 1/8W | (US, CND) |
| R168 | 1-260-016-11 | CARBON MELF | 47K | 2% | 1/8W | (EXCEPT US, CND) |
| R187 | 1-216-238-00 | RES-CHIP | 47K | 2% | 1/8W | (US, CND) |
| R187 | 1-260-016-11 | CARBON MELF | 47K | 2% | 1/8W | (EXCEPT US, CND) |
| R188 | 1-216-238-00 | RES-CHIP | 47K | 2% | 1/8W | (US, CND) |
| R188 | 1-260-016-11 | CARBON MELF | 47K | 2% | 1/8W | (EXCEPT US, CND) |
| R217 | 1-216-238-00 | RES-CHIP | 47K | 2% | 1/8W | (US, CND) |
| R217 | 1-260-016-11 | CARBON MELF | 47K | 2% | 1/8W | (EXCEPT US, CND) |
| R221 | 1-216-222-00 | RES-CHIP | 1K | 2% | 1/8W | (US, CND) |
| R221 | 1-260-008-11 | CARBON MELF | 1K | 2% | 1/8W | (EXCEPT US, CND) |
| R222 | 1-208-561-11 | RES-CHIP | 27K | 2% | 1/8W | (US, CND) |
| R222 | 1-260-013-11 | CARBON MELF | 27K | 2% | 1/8W | (EXCEPT US, CND) |
| R223 | 1-216-222-00 | RES-CHIP | 1K | 2% | 1/8W | (US, CND) |
| R223 | 1-260-008-11 | CARBON MELF | 1K | 2% | 1/8W | (EXCEPT US, CND) |
| R224 | 1-216-222-00 | RES-CHIP | 1K | 2% | 1/8W | (US, CND) |
| R224 | 1-260-008-11 | CARBON MELF | 1K | 2% | 1/8W | (EXCEPT US, CND) |
| R225 | 1-216-238-00 | RES-CHIP | 47K | 2% | 1/8W | (US, CND) |
| R225 | 1-260-016-11 | CARBON MELF | 47K | 2% | 1/8W | (EXCEPT US, CND) |
| R226 | 1-216-222-00 | RES-CHIP | 1K | 2% | 1/8W | (US, CND) |
| R226 | 1-260-008-11 | CARBON MELF | 1K | 2% | 1/8W | (EXCEPT US, CND) |
| R227 | 1-216-222-00 | RES-CHIP | 1K | 2% | 1/8W | (US, CND) |

**AUDIO**

| Ref. No. | Part No. | Description | | | | Remark |
|---|---|---|---|---|---|---|
| R227 | 1-260-008-11 | CARBON MELF | 1K | 2% | 1/8W | (EXCEPT US, CND) |
| R228 | 1-216-222-00 | RES-CHIP | 1K | 2% | 1/8W | (US, CND) |
| R228 | 1-260-008-11 | CARBON MELF | 1K | 2% | 1/8W | (EXCEPT US, CND) |
| R229 | 1-208-565-41 | RES-CHIP | 39K | 2% | 1/8W | (US, CND) |
| R229 | 1-260-015-11 | CARBON MELF | 39K | 2% | 1/8W | (EXCEPT US, CND) |
| R230 | 1-208-561-11 | RES-CHIP | 27K | 2% | 1/8W | (US, CND) |
| R230 | 1-260-013-11 | CARBON MELF | 27K | 2% | 1/8W | (EXCEPT US, CND) |
| R231 | 1-208-516-41 | RES-CHIP | 18K | 2% | 1/8W | (US, CND) |
| R231 | 1-260-011-11 | CARBON MELF | 18K | 2% | 1/8W | (EXCEPT US, CND) |
| R232 | 1-208-810-11 | METAL CHIP | 15K | 0.5% | 1/10W | (US, CND) |
| R232 | 1-260-010-11 | CARBON MELF | 15K | 2% | 1/8W | (EXCEPT US, CND) |
| R233 | 1-208-810-11 | METAL CHIP | 15K | 0.5% | 1/10W | (US, CND) |
| R233 | 1-260-010-11 | CARBON MELF | 15K | 2% | 1/8W | (EXCEPT US, CND) |
| R234 | 1-216-214-00 | RES-CHIP | 4.7K | 2% | 1/8W | (US, CND) |
| R234 | 1-260-004-11 | CARBON MELF | 4.7K | 2% | 1/8W | (EXCEPT US, CND) |
| R235 | 1-216-222-00 | RES-CHIP | 1K | 2% | 1/8W | (US, CND) |
| R235 | 1-260-008-11 | CARBON MELF | 1K | 2% | 1/8W | (EXCEPT US, CND) |
| R236 | 1-216-238-00 | RES-CHIP | 47K | 2% | 1/8W | (US, CND) |
| R236 | 1-260-016-11 | CARBON MELF | 47K | 2% | 1/8W | (EXCEPT US, CND) |
| R247 | 1-216-238-00 | RES-CHIP | 47K | 2% | 1/8W | (US, CND) |
| R247 | 1-260-016-11 | CARBON MELF | 47K | 2% | 1/8W | (EXCEPT US, CND) |
| R248 | 1-216-238-00 | RES-CHIP | 47K | 2% | 1/8W | (US, CND) |
| R248 | 1-260-016-11 | CARBON MELF | 47K | 2% | 1/8W | (EXCEPT US, CND) |
| R267 | 1-216-238-00 | RES-CHIP | 47K | 2% | 1/8W | (US, CND) |
| R267 | 1-260-016-11 | CARBON MELF | 47K | 2% | 1/8W | (EXCEPT US, CND) |
| R268 | 1-216-238-00 | RES-CHIP | 47K | 2% | 1/8W | (US, CND) |
| R268 | 1-260-016-11 | CARBON MELF | 47K | 2% | 1/8W | (EXCEPT US, CND) |
| R287 | 1-216-238-00 | RES-CHIP | 47K | 2% | 1/8W | (US, CND) |
| R287 | 1-260-016-11 | CARBON MELF | 47K | 2% | 1/8W | (EXCEPT US, CND) |
| R288 | 1-216-238-00 | RES-CHIP | 47K | 2% | 1/8W | (US, CND) |
| R288 | 1-260-016-11 | CARBON MELF | 47K | 2% | 1/8W | (EXCEPT US, CND) |
| R326 | 1-216-295-00 | SHORT CHIP | 0 | | | |

| Ref. No. | Part No. | Description | | | | Remark |
|---|---|---|---|---|---|---|
| R327 | 1-216-295-00 | SHORT CHIP | 0 | | | |
| R328 | 1-216-295-00 | SHORT CHIP | 0 | | | |
| R329 | 1-216-013-00 | RES-CHIP | 33 | 5% | 1/10W | |
| R340 | 1-216-013-00 | RES-CHIP | 33 | 5% | 1/10W | |
| R341 | 1-216-295-00 | SHORT CHIP | 0 | | | |
| R342 | 1-216-295-00 | SHORT CHIP | 0 | | | |
| R343 | 1-216-295-00 | SHORT CHIP | 0 | | | |
| R344 | 1-216-013-00 | RES-CHIP | 33 | 5% | 1/10W | |
| R345 | 1-216-013-00 | RES-CHIP | 33 | 5% | 1/10W | |
| R401 | 1-208-782-11 | METAL CHIP | 1K | 0.5% | 1/10W | (US, CND) |
| R401 | 1-259-995-11 | CARBON MELF | 1K | 2% | 1/8W | (EXCEPT US, CND) |
| R402 | 1-208-782-11 | METAL CHIP | 1K | 0.5% | 1/10W | (US, CND) |
| R402 | 1-259-995-11 | CARBON MELF | 1K | 2% | 1/8W | (EXCEPT US, CND) |
| R403 | 1-208-782-11 | METAL CHIP | 1K | 0.5% | 1/10W | (US, CND) |
| R403 | 1-259-995-11 | CARBON MELF | 1K | 2% | 1/8W | (EXCEPT US, CND) |
| R404 | 1-208-782-11 | METAL CHIP | 1K | 0.5% | 1/10W | (US, CND) |
| R404 | 1-259-995-11 | CARBON MELF | 1K | 2% | 1/8W | (EXCEPT US, CND) |
| R405 | 1-208-782-11 | METAL CHIP | 1K | 0.5% | 1/10W | (US, CND) |
| R405 | 1-259-995-11 | CARBON MELF | 1K | 2% | 1/8W | (EXCEPT US, CND) |
| R406 | 1-208-782-11 | METAL CHIP | 1K | 0.5% | 1/10W | (US, CND) |
| R406 | 1-259-995-11 | CARBON MELF | 1K | 2% | 1/8W | (EXCEPT US, CND) |
| R407 | 1-208-782-11 | METAL CHIP | 1K | 0.5% | 1/10W | (US, CND) |
| R407 | 1-259-995-11 | CARBON MELF | 1K | 2% | 1/8W | (EXCEPT US, CND) |
| R411 | 1-208-782-11 | METAL CHIP | 1K | 0.5% | 1/10W | (US, CND) |
| R411 | 1-259-995-11 | CARBON MELF | 1K | 2% | 1/8W | (EXCEPT US, CND) |
| R412 | 1-208-782-11 | METAL CHIP | 1K | 0.5% | 1/10W | (US, CND) |
| R412 | 1-259-995-11 | CARBON MELF | 1K | 2% | 1/8W | (EXCEPT US, CND) |
| R413 | 1-208-782-11 | METAL CHIP | 1K | 0.5% | 1/10W | (US, CND) |
| R413 | 1-259-995-11 | CARBON MELF | 1K | 2% | 1/8W | (EXCEPT US, CND) |
| R414 | 1-208-782-11 | METAL CHIP | 1K | 0.5% | 1/10W | (US, CND) |
| R414 | 1-259-995-11 | CARBON MELF | 1K | 2% | 1/8W | (EXCEPT US, CND) |
| R415 | 1-208-782-11 | METAL CHIP | 1K | 0.5% | 1/10W | (US, CND) |
| R415 | 1-259-995-11 | CARBON MELF | 1K | 2% | 1/8W | (EXCEPT US, CND) |
| R416 | 1-208-782-11 | METAL CHIP | 1K | 0.5% | 1/10W | (US, CND) |
| R416 | 1-259-995-11 | CARBON MELF | 1K | 2% | 1/8W | (EXCEPT US, CND) |

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| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| R417 | 1-208-782-11 | METAL CHIP | 1K | 0.5% | 1/10W (US, CND) |
| R417 | 1-259-995-11 | CARBON MELF | 1K | 2% | 1/8W (EXCEPT US, CND) |
| R418 | 1-216-206-00 | RES-CHIP | 2.2K | 2% | 1/8W (US, CND) |
| R418 | 1-259-999-11 | CARBON MELF | 2.2K | 2% | 1/8W (EXCEPT US, CND) |
| R419 | 1-208-782-11 | METAL CHIP | 1K | 0.5% | 1/10W (US, CND) |
| R419 | 1-259-995-11 | CARBON MELF | 1K | 2% | 1/8W (EXCEPT US, CND) |
| R420 | 1-216-206-00 | RES-CHIP | 2.2K | 2% | 1/8W (US, CND) |
| R420 | 1-259-999-11 | CARBON MELF | 2.2K | 2% | 1/8W (EXCEPT US, CND) |
| R421 | 1-208-782-11 | METAL CHIP | 1K | 0.5% | 1/10W (US, CND) |
| R421 | 1-259-995-11 | CARBON MELF | 1K | 2% | 1/8W (EXCEPT US, CND) |
| R422 | 1-216-238-00 | RES-CHIP | 47K | 2% | 1/8W (US, CND) |
| R422 | 1-260-016-11 | CARBON MELF | 47K | 2% | 1/8W (EXCEPT US, CND) |
| R423 | 1-216-238-00 | RES-CHIP | 47K | 2% | 1/8W (US, CND) |
| R423 | 1-260-016-11 | CARBON MELF | 47K | 2% | 1/8W (EXCEPT US, CND) |
| R424 | 1-216-238-00 | RES-CHIP | 47K | 2% | 1/8W (US, CND) |
| R424 | 1-260-016-11 | CARBON MELF | 47K | 2% | 1/8W (EXCEPT US, CND) |
| R425 | 1-216-238-00 | RES-CHIP | 47K | 2% | 1/8W (US, CND) |
| R425 | 1-260-016-11 | CARBON MELF | 47K | 2% | 1/8W (EXCEPT US, CND) |
| R426 | 1-216-238-00 | RES-CHIP | 47K | 2% | 1/8W (US, CND) |
| R426 | 1-260-016-11 | CARBON MELF | 47K | 2% | 1/8W (EXCEPT US, CND) |
| R427 | 1-216-238-00 | RES-CHIP | 47K | 2% | 1/8W (US, CND) |
| R427 | 1-260-016-11 | CARBON MELF | 47K | 2% | 1/8W (EXCEPT US, CND) |
| R428 | 1-216-238-00 | RES-CHIP | 47K | 2% | 1/8W (US, CND) |
| R428 | 1-260-016-11 | CARBON MELF | 47K | 2% | 1/8W (EXCEPT US, CND) |
| R431 | 1-208-445-41 | RES-CHIP | 2.2K | 2% | 1/10W (EXCEPT US, CND) |
| R431 | 1-216-295-00 | SHORT CHIP | 0 (US, CND) | | |
| R432 | 1-216-699-11 | METAL CHIP | 100K | 0.5% | 1/10W |
| R433 | 1-216-699-11 | METAL CHIP | 100K | 0.5% | 1/10W |
| R434 | 1-216-633-11 | METAL CHIP | 180 | 0.5% | 1/10W |
| R435 | 1-216-673-11 | METAL CHIP | 8.2K | 0.5% | 1/10W |
| R436 | 1-216-699-11 | METAL CHIP | 100K | 0.5% | 1/10W |
| R437 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R438 | 1-216-699-11 | METAL CHIP | 100K | 0.5% | 1/10W |
| R439 | 1-208-774-11 | METAL CHIP | 470 | 0.5% | 1/10W |
| R441 | 1-208-526-41 | RES-CHIP | 47K | 2% | 1/10W (US, CND) |
| R442 | 1-208-437-41 | RES-CHIP | 1K | 2% | 1/10W (US, CND) |
| R443 | 1-216-699-11 | METAL CHIP | 100K | 0.5% | 1/10W (US, CND) |
| R444 | 1-208-826-11 | METAL CHIP | 68K | 0.5% | 1/10W (US, CND) |
| R445 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W (US, CND) |
| R446 | 1-208-453-41 | RES-CHIP | 4.7K | 2% | 1/10W (US, CND) |
| R447 | 1-208-437-41 | RES-CHIP | 1K | 2% | 1/10W (US, CND) |
| R461 | 1-216-222-00 | RES-CHIP | 1K | 2% | 1/8W (US, CND) |
| R461 | 1-260-008-11 | CARBON MELF | 1K | 2% | 1/8W (EXCEPT US, CND) |
| R462 | 1-216-222-00 | RES-CHIP | 1K | 2% | 1/8W (US, CND) |
| R462 | 1-260-008-11 | CARBON MELF | 1K | 2% | 1/8W (EXCEPT US, CND) |
| R463 | 1-216-222-00 | RES-CHIP | 1K | 2% | 1/8W (US, CND) |
| R463 | 1-260-008-11 | CARBON MELF | 1K | 2% | 1/8W (EXCEPT US, CND) |
| R464 | 1-216-222-00 | RES-CHIP | 1K | 2% | 1/8W (US, CND) |
| R464 | 1-260-008-11 | CARBON MELF | 1K | 2% | 1/8W (EXCEPT US, CND) |
| R485 | 1-216-013-00 | RES-CHIP | 33 | 5% | 1/10W |
| R486 | 1-216-013-00 | RES-CHIP | 33 | 5% | 1/10W |
| R487 | 1-216-295-00 | SHORT CHIP | 0 | | |
| R488 | 1-216-295-00 | SHORT CHIP | 0 | | |
| R489 | 1-216-295-00 | SHORT CHIP | 0 | | |
| R491 | 1-208-782-11 | METAL CHIP | 1K | 0.5% | 1/10W (US, CND) |
| R491 | 1-259-995-11 | CARBON MELF | 1K | 2% | 1/8W (EXCEPT US, CND) |
| R492 | 1-208-782-11 | METAL CHIP | 1K | 0.5% | 1/10W (US, CND) |
| R492 | 1-259-995-11 | CARBON MELF | 1K | 2% | 1/8W (EXCEPT US, CND) |
| R493 | 1-208-782-11 | METAL CHIP | 1K | 0.5% | 1/10W (US, CND) |
| R493 | 1-259-995-11 | CARBON MELF | 1K | 2% | 1/8W (EXCEPT US, CND) |
| R494 | 1-208-782-11 | METAL CHIP | 1K | 0.5% | 1/10W (US, CND) |
| R494 | 1-259-995-11 | CARBON MELF | 1K | 2% | 1/8W (EXCEPT US, CND) |
| R501 | 1-208-782-11 | METAL CHIP | 1K | 0.5% | 1/10W (US, CND) |
| R501 | 1-259-995-11 | CARBON MELF | 1K | 2% | 1/8W (EXCEPT US, CND) |
| R502 | 1-208-782-11 | METAL CHIP | 1K | 0.5% | 1/10W (US, CND) |
| R502 | 1-259-995-11 | CARBON MELF | 1K | 2% | 1/8W (EXCEPT US, CND) |
| R503 | 1-208-782-11 | METAL CHIP | 1K | 0.5% | 1/10W (US, CND) |
| R503 | 1-259-995-11 | CARBON MELF | 1K | 2% | 1/8W (EXCEPT US, CND) |

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| Ref. No. | Part No. | Description | | | | Remark |
|---|---|---|---|---|---|---|
| R504 | 1-208-782-11 | METAL CHIP | 1K | 0.5% | 1/10W | (US, CND) |
| R504 | 1-259-995-11 | CARBON MELF | 1K | 2% | 1/8W | (EXCEPT US, CND) |
| R505 | 1-208-782-11 | METAL CHIP | 1K | 0.5% | 1/10W | (US, CND) |
| R505 | 1-259-995-11 | CARBON MELF | 1K | 2% | 1/8W | (EXCEPT US, CND) |
| R506 | 1-208-782-11 | METAL CHIP | 1K | 0.5% | 1/10W | (US, CND) |
| R506 | 1-259-995-11 | CARBON MELF | 1K | 2% | 1/8W | (EXCEPT US, CND) |
| R507 | 1-208-782-11 | METAL CHIP | 1K | 0.5% | 1/10W | (US, CND) |
| R507 | 1-259-995-11 | CARBON MELF | 1K | 2% | 1/8W | (EXCEPT US, CND) |
| R511 | 1-208-782-11 | METAL CHIP | 1K | 0.5% | 1/10W | (US, CND) |
| R511 | 1-259-995-11 | CARBON MELF | 1K | 2% | 1/8W | (EXCEPT US, CND) |
| R512 | 1-208-782-11 | METAL CHIP | 1K | 0.5% | 1/10W | (US, CND) |
| R512 | 1-259-995-11 | CARBON MELF | 1K | 2% | 1/8W | (EXCEPT US, CND) |
| R513 | 1-208-782-11 | METAL CHIP | 1K | 0.5% | 1/10W | (US, CND) |
| R513 | 1-259-995-11 | CARBON MELF | 1K | 2% | 1/8W | (EXCEPT US, CND) |
| R514 | 1-208-782-11 | METAL CHIP | 1K | 0.5% | 1/10W | (US, CND) |
| R514 | 1-259-995-11 | CARBON MELF | 1K | 2% | 1/8W | (EXCEPT US, CND) |
| R515 | 1-208-782-11 | METAL CHIP | 1K | 0.5% | 1/10W | (US, CND) |
| R515 | 1-259-995-11 | CARBON MELF | 1K | 2% | 1/8W | (EXCEPT US, CND) |
| R516 | 1-208-782-11 | METAL CHIP | 1K | 0.5% | 1/10W | (US, CND) |
| R516 | 1-259-995-11 | CARBON MELF | 1K | 2% | 1/8W | (EXCEPT US, CND) |
| R517 | 1-208-782-11 | METAL CHIP | 1K | 0.5% | 1/10W | (US, CND) |
| R517 | 1-259-995-11 | CARBON MELF | 1K | 2% | 1/8W | (EXCEPT US, CND) |
| R518 | 1-216-206-00 | RES-CHIP | 2.2K | 2% | 1/8W | (US, CND) |
| R518 | 1-259-999-11 | CARBON MELF | 2.2K | 2% | 1/8W | (EXCEPT US, CND) |
| R519 | 1-208-782-11 | METAL CHIP | 1K | 0.5% | 1/10W | (US, CND) |
| R519 | 1-259-995-11 | CARBON MELF | 1K | 2% | 1/8W | (EXCEPT US, CND) |
| R520 | 1-216-206-00 | RES-CHIP | 2.2K | 2% | 1/8W | (US, CND) |
| R520 | 1-259-999-11 | CARBON MELF | 2.2K | 2% | 1/8W | (EXCEPT US, CND) |
| R521 | 1-208-782-11 | METAL CHIP | 1K | 0.5% | 1/10W | (US, CND) |
| R521 | 1-259-995-11 | CARBON MELF | 1K | 2% | 1/8W | (EXCEPT US, CND) |
| R522 | 1-216-238-00 | RES-CHIP | 47K | 2% | 1/8W | (US, CND) |
| R522 | 1-260-016-11 | CARBON MELF | 47K | 2% | 1/8W | (EXCEPT US, CND) |
| R523 | 1-216-238-00 | RES-CHIP | 47K | 2% | 1/8W | (US, CND) |
| R523 | 1-260-016-11 | CARBON MELF | 47K | 2% | 1/8W | (EXCEPT US, CND) |
| R524 | 1-216-238-00 | RES-CHIP | 47K | 2% | 1/8W | (US, CND) |
| R524 | 1-260-016-11 | CARBON MELF | 47K | 2% | 1/8W | (EXCEPT US, CND) |
| R525 | 1-216-238-00 | RES-CHIP | 47K | 2% | 1/8W | (US, CND) |
| R525 | 1-260-016-11 | CARBON MELF | 47K | 2% | 1/8W | (EXCEPT US, CND) |
| R526 | 1-216-238-00 | RES-CHIP | 47K | 2% | 1/8W | (US, CND) |
| R526 | 1-260-016-11 | CARBON MELF | 47K | 2% | 1/8W | (EXCEPT US, CND) |
| R527 | 1-216-238-00 | RES-CHIP | 47K | 2% | 1/8W | (US, CND) |
| R527 | 1-260-016-11 | CARBON MELF | 47K | 2% | 1/8W | (EXCEPT US, CND) |
| R528 | 1-216-238-00 | RES-CHIP | 47K | 2% | 1/8W | (US, CND) |
| R528 | 1-260-016-11 | CARBON MELF | 47K | 2% | 1/8W | (EXCEPT US, CND) |
| R531 | 1-208-445-41 | RES-CHIP | 2.2K | 2% | 1/10W | (EXCEPT US, CND) |
| R531 | 1-216-295-00 | SHORT CHIP | 0 (US, CND) | | | |
| R532 | 1-216-699-11 | METAL CHIP | 100K | 0.5% | 1/10W | |
| R533 | 1-216-699-11 | METAL CHIP | 100K | 0.5% | 1/10W | |
| R534 | 1-216-633-11 | METAL CHIP | 180 | 0.5% | 1/10W | |
| R535 | 1-216-673-11 | METAL CHIP | 8.2K | 0.5% | 1/10W | |
| R536 | 1-216-699-11 | METAL CHIP | 100K | 0.5% | 1/10W | |
| R537 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W | |
| R538 | 1-216-699-11 | METAL CHIP | 100K | 0.5% | 1/10W | |
| R539 | 1-208-774-11 | METAL CHIP | 470 | 0.5% | 1/10W | |
| R541 | 1-208-526-41 | RES-CHIP | 47K | 2% | 1/10W | (US, CND) |
| R542 | 1-208-437-41 | RES-CHIP | 1K | 2% | 1/10W | (US, CND) |
| R543 | 1-216-699-11 | METAL CHIP | 100K | 0.5% | 1/10W | (US, CND) |
| R544 | 1-208-826-11 | METAL CHIP | 68K | 0.5% | 1/10W | (US, CND) |
| R545 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W | (US, CND) |
| R546 | 1-208-453-41 | RES-CHIP | 4.7K | 2% | 1/10W | (US, CND) |
| R547 | 1-208-437-41 | RES-CHIP | 1K | 2% | 1/10W | (US, CND) |
| R561 | 1-216-222-00 | RES-CHIP | 1K | 2% | 1/8W | (US, CND) |
| R561 | 1-260-008-11 | CARBON MELF | 1K | 2% | 1/8W | (EXCEPT US, CND) |
| R562 | 1-216-222-00 | RES-CHIP | 1K | 2% | 1/8W | (US, CND) |
| R562 | 1-260-008-11 | CARBON MELF | 1K | 2% | 1/8W | (EXCEPT US, CND) |
| R563 | 1-216-222-00 | RES-CHIP | 1K | 2% | 1/8W | (US, CND) |

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| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| R563 | 1-260-008-11 | CARBON MELF | 1K | 2% | 1/8W (EXCEPT US, CND) |
| R564 | 1-216-222-00 | RES-CHIP | 1K | 2% | 1/8W (US, CND) |
| R564 | 1-260-008-11 | CARBON MELF | 1K | 2% | 1/8W (EXCEPT US, CND) |
| R585 | 1-216-013-00 | RES-CHIP | 33 | 5% | 1/10W |
| R586 | 1-216-013-00 | RES-CHIP | 33 | 5% | 1/10W |
| R587 | 1-216-295-00 | SHORT CHIP | 0 | | |
| R588 | 1-216-295-00 | SHORT CHIP | 0 | | |
| R589 | 1-216-295-00 | SHORT CHIP | 0 | | |
| R591 | 1-208-782-11 | METAL CHIP | 1K | 0.5% | 1/10W (US, CND) |
| R591 | 1-259-995-11 | CARBON MELF | 1K | 2% | 1/8W (EXCEPT US, CND) |
| R592 | 1-208-782-11 | METAL CHIP | 1K | 0.5% | 1/10W (US, CND) |
| R592 | 1-259-995-11 | CARBON MELF | 1K | 2% | 1/8W (EXCEPT US, CND) |
| R593 | 1-208-782-11 | METAL CHIP | 1K | 0.5% | 1/10W (US, CND) |
| R593 | 1-259-995-11 | CARBON MELF | 1K | 2% | 1/8W (EXCEPT US, CND) |
| R594 | 1-208-782-11 | METAL CHIP | 1K | 0.5% | 1/10W (US, CND) |
| R594 | 1-259-995-11 | CARBON MELF | 1K | 2% | 1/8W (EXCEPT US, CND) |
| R631 | 1-216-001-00 | RES-CHIP | 10 | 5% | 1/10W (US, CND) |
| R632 | 1-216-033-00 | RES-CHIP | 220 | 5% | 1/10W (US, CND) |
| R633 | 1-216-049-11 | RES-CHIP | 1K | 5% | 1/10W (US, CND) |
| R642 | 1-216-013-00 | RES-CHIP | 33 | 5% | 1/10W (US, CND) |
| R643 | 1-216-013-00 | RES-CHIP | 33 | 5% | 1/10W (US, CND) |
| R644 | 1-216-065-00 | RES-CHIP | 4.7K | 5% | 1/10W (US, CND) |
| R645 | 1-216-073-00 | RES-CHIP | 1K | 5% | 1/10W (US, CND) |
| ⚠R646 | 1-249-393-11 | CARBON | 10 | 5% | 1/4W F (US, CND) |
| R647 | 1-216-295-00 | SHORT CHIP | 0 (US, CND) | | |
| R648 | 1-216-295-00 | SHORT CHIP | 0 (US, CND) | | |
| R649 | 1-216-295-00 | SHORT CHIP | 0 (US, CND) | | |
| R681 | 1-260-008-11 | CARBON MELF | 1K | 2% | 1/8W |
| R682 | 1-260-008-11 | CARBON MELF | 1K | 2% | 1/8W |
| | | < RELAY > | | | |
| RY641 | 1-755-486-11 | RELAY (US, CND) | | | |

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A-4734-119-A CIS BOARD, COMPLETE (US, CND)

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| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| | | < CAPACITOR/SHORT > | | | |
| C801 | 1-126-947-11 | ELECT | 47uF | 20% | 35V |
| C802 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C803 | 1-126-961-11 | ELECT | 2.2uF | 20% | 50V |
| C804 | 1-126-947-11 | ELECT | 47uF | 20% | 35V |
| C805 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C831 | 1-126-960-11 | ELECT | 1uF | 20% | 50V |
| C841 | 1-126-960-11 | ELECT | 1uF | 20% | 50V |
| C851 | 1-126-767-11 | ELECT | 1000uF | 20% | 16V |
| C852 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C861 | 1-216-295-00 | SHORT CHIP | 0 | | |
| C862 | 1-163-133-00 | CERAMIC CHIP | 470PF | 5% | 50V |
| C863 | 1-163-133-00 | CERAMIC CHIP | 470PF | 5% | 50V |
| C864 | 1-126-963-11 | ELECT | 4.7uF | 20% | 50V |
| C865 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C866 | 1-216-295-00 | SHORT CHIP | 0 | | |
| C867 | 1-216-295-00 | SHORT CHIP | 0 | | |
| C868 | 1-216-295-00 | SHORT CHIP | 0 | | |
| | | < CONNECTOR > | | | |
| CN801 | 1-568-826-11 | CONNECTOR, FFC 7P | | | |
| CN851 | 1-564-505-11 | PLUG, CONNECTOR 2P | | | |
| | | < DIODE > | | | |
| D801 | 8-719-988-61 | DIODE 1SS355TE-17 | | | |
| D802 | 8-719-075-86 | LED SID307BRTP19 (REMOTE CONTROL TRANSCEIVER) | | | |
| D803 | 8-719-988-61 | DIODE 1SS355TE-17 | | | |
| | | < IC > | | | |
| IC801 | 8-759-827-69 | IC NJL63H400A-1 | | | |
| IC802 | 8-759-564-49 | IC TC7W53FU (TE12R) | | | |
| IC861 | 8-759-470-63 | IC NJM2145M-TE2 | | | |
| | | < JACK > | | | |
| J801 | 1-563-330-11 | JACK (IR REMOTE, IR IN) | | | |
| J802 | 1-563-330-11 | JACK (IR REMOTE, IR OUT1) | | | |
| J803 | 1-563-330-11 | JACK (IR REMOTE, IR OUT2) | | | |
| J831 | 1-563-330-11 | JACK (TRIGGER OUT, 2ND ZONE) | | | |
| J841 | 1-563-330-11 | JACK (TRIGGER OUT, MAIN) | | | |
| J861 | 1-563-330-11 | JACK (CONTROL S OUT) | | | |
| J862 | 1-563-330-11 | JACK (CONTROL S IN) | | | |
| | | < SHORT > | | | |
| JW861 | 1-216-295-00 | SHORT CHIP | 0 | | |
| | | < TRANSISTOR > | | | |
| Q831 | 8-729-140-93 | TRANSISTOR | 2SB733-34 | | |
| Q832 | 8-729-027-43 | TRANSISTOR | DTC114EKA-T146 | | |
| Q841 | 8-729-140-93 | TRANSISTOR | 2SB733-34 | | |
| Q842 | 8-729-027-43 | TRANSISTOR | DTC114EKA-T146 | | |
| | | < RESISTOR/THERMISTOR > | | | |
| R801 | 1-216-073-00 | RES-CHIP | 1K | 5% | 1/10W |
| R802 | 1-216-001-00 | RES-CHIP | 10 | 5% | 1/10W |
| R803 | 1-216-097-11 | RES-CHIP | 100K | 5% | 1/10W |
| R804 | 1-216-073-00 | RES-CHIP | 1K | 5% | 1/10W |
| R805 | 1-216-097-11 | RES-CHIP | 100K | 5% | 1/10W |
| R806 | 1-216-025-11 | RES-CHIP | 100 | 5% | 1/10W |
| R807 | 1-216-025-11 | RES-CHIP | 100 | 5% | 1/10W |
| R825 | 1-216-025-11 | RES-CHIP | 100 | 5% | 1/10W |
| R831 | 1-801-726-11 | THERMISTOR, POSITIVE | | | |

| | |
|---|---|
| The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified. | Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié. |

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| R832 | 1-216-073-00 | RES-CHIP | 1K | 5% | 1/10W |
| R833 | 1-216-057-00 | RES-CHIP | 2.2K | 5% | 1/10W |
| R834 | 1-216-073-00 | RES-CHIP | 1K | 5% | 1/10W |
| R841 | 1-801-726-11 | THERMISTOR, POSITIVE | | | |
| R842 | 1-216-073-00 | RES-CHIP | 1K | 5% | 1/10W |
| R843 | 1-216-057-00 | RES-CHIP | 2.2K | 5% | 1/10W |
| R844 | 1-216-073-00 | RES-CHIP | 1K | 5% | 1/10W |
| R845 | 1-216-025-11 | RES-CHIP | 100 | 5% | 1/10W |
| R861 | 1-216-049-11 | RES-CHIP | 1K | 5% | 1/10W |
| R862 | 1-216-049-11 | RES-CHIP | 1K | 5% | 1/10W |
| R863 | 1-216-049-11 | RES-CHIP | 1K | 5% | 1/10W |
| R864 | 1-216-049-11 | RES-CHIP | 1K | 5% | 1/10W |
| R865 | 1-216-049-11 | RES-CHIP | 1K | 5% | 1/10W |

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| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| | A-4734-137-A | D-AMP BOARD, COMPLETE (US, CND) | | | |
| | A-4734-151-A | D-AMP BOARD, COMPLETE (TW, KR) | | | |
| | A-4734-168-A | D-AMP BOARD, COMPLETE (AEP) | | | |
| | | ********************** | | | |
| | 1-400-584-11 | BEAD, FERRITE | | | |
| * | 3-309-144-21 | HEAT SINK | | | |
| | 4-857-425-00 | BUSHING, 03P INSULATING | | | |
| * | 4-880-403-11 | HEAT SINK | | | |
| | 7-685-646-79 | SCREW +BVTP 3X8 TYPE2 IT-3 | | | |
| | | < CAPACITOR/SHORT > | | | |
| C1301 | 1-100-187-11 | MYLAR | 0.27uF | 5% | 250V |
| C1302 | 1-100-187-11 | MYLAR | 0.27uF | 5% | 250V |
| C1303 | 1-100-187-11 | MYLAR | 0.27uF | 5% | 250V |
| C1304 | 1-100-187-11 | MYLAR | 0.27uF | 5% | 250V |
| C1305 | 1-100-187-11 | MYLAR | 0.27uF | 5% | 250V |
| C1306 | 1-100-187-11 | MYLAR | 0.27uF | 5% | 250V |
| C1307 | 1-100-187-11 | MYLAR | 0.27uF | 5% | 250V (US, CND) |
| C1311 | 1-100-187-11 | MYLAR | 0.27uF | 5% | 250V |
| C1312 | 1-100-187-11 | MYLAR | 0.27uF | 5% | 250V |
| C1313 | 1-100-187-11 | MYLAR | 0.27uF | 5% | 250V |
| C1314 | 1-100-187-11 | MYLAR | 0.27uF | 5% | 250V |
| C1315 | 1-100-187-11 | MYLAR | 0.27uF | 5% | 250V |
| C1316 | 1-100-187-11 | MYLAR | 0.27uF | 5% | 250V |
| C1317 | 1-100-187-11 | MYLAR | 0.27uF | 5% | 250V (US, CND) |
| C1319 | 1-100-188-11 | MYLAR | 0.75uF | 5% | 250V |
| C1321 | 1-100-156-91 | CERAMIC CHIP | 680PF | 5% | 100V |
| C1322 | 1-100-156-91 | CERAMIC CHIP | 680PF | 5% | 100V |
| C1323 | 1-100-156-91 | CERAMIC CHIP | 680PF | 5% | 100V |
| C1324 | 1-100-156-91 | CERAMIC CHIP | 680PF | 5% | 100V |
| C1325 | 1-100-156-91 | CERAMIC CHIP | 680PF | 5% | 100V |
| C1326 | 1-100-156-91 | CERAMIC CHIP | 680PF | 5% | 100V |
| C1327 | 1-100-156-91 | CERAMIC CHIP | 680PF | 5% | 100V (US, CND) |
| C1329 | 1-100-188-11 | MYLAR | 0.75uF | 5% | 250V |
| C1331 | 1-100-156-91 | CERAMIC CHIP | 680PF | 5% | 100V |
| C1332 | 1-100-156-91 | CERAMIC CHIP | 680PF | 5% | 100V |
| C1333 | 1-100-156-91 | CERAMIC CHIP | 680PF | 5% | 100V |
| C1334 | 1-100-156-91 | CERAMIC CHIP | 680PF | 5% | 100V |
| C1335 | 1-100-156-91 | CERAMIC CHIP | 680PF | 5% | 100V |
| C1336 | 1-100-156-91 | CERAMIC CHIP | 680PF | 5% | 100V |
| C1337 | 1-100-156-91 | CERAMIC CHIP | 680PF | 5% | 100V (US, CND) |
| C1339 | 1-100-188-11 | MYLAR | 0.75uF | 5% | 250V |
| C1341 | 1-100-156-91 | CERAMIC CHIP | 680PF | 5% | 100V |
| C1342 | 1-100-156-91 | CERAMIC CHIP | 680PF | 5% | 100V |
| C1343 | 1-100-156-91 | CERAMIC CHIP | 680PF | 5% | 100V |
| C1344 | 1-100-156-91 | CERAMIC CHIP | 680PF | 5% | 100V |
| C1345 | 1-100-156-91 | CERAMIC CHIP | 680PF | 5% | 100V |
| C1346 | 1-100-156-91 | CERAMIC CHIP | 680PF | 5% | 100V |
| C1347 | 1-100-156-91 | CERAMIC CHIP | 680PF | 5% | 100V (US, CND) |
| C1349 | 1-100-188-11 | MYLAR | 0.75uF | 5% | 250V |
| C1351 | 1-100-156-91 | CERAMIC CHIP | 680PF | 5% | 100V |
| C1352 | 1-100-156-91 | CERAMIC CHIP | 680PF | 5% | 100V |
| C1353 | 1-100-156-91 | CERAMIC CHIP | 680PF | 5% | 100V |
| C1354 | 1-100-156-91 | CERAMIC CHIP | 680PF | 5% | 100V |
| C1355 | 1-100-156-91 | CERAMIC CHIP | 680PF | 5% | 100V |
| C1356 | 1-100-156-91 | CERAMIC CHIP | 680PF | 5% | 100V |
| C1357 | 1-100-156-91 | CERAMIC CHIP | 680PF | 5% | 100V (US, CND) |
| C1359 | 1-100-188-11 | MYLAR | 0.75uF | 5% | 250V |
| C1361 | 1-100-156-91 | CERAMIC CHIP | 680PF | 5% | 100V |
| C1362 | 1-100-156-91 | CERAMIC CHIP | 680PF | 5% | 100V |
| C1363 | 1-100-156-91 | CERAMIC CHIP | 680PF | 5% | 100V |
| C1364 | 1-100-156-91 | CERAMIC CHIP | 680PF | 5% | 100V |
| C1365 | 1-100-156-91 | CERAMIC CHIP | 680PF | 5% | 100V |
| C1366 | 1-100-156-91 | CERAMIC CHIP | 680PF | 5% | 100V |
| C1367 | 1-100-156-91 | CERAMIC CHIP | 680PF | 5% | 100V (US, CND) |
| C1369 | 1-100-188-11 | MYLAR | 0.75uF | 5% | 250V |
| C1371 | 1-100-156-91 | CERAMIC CHIP | 680PF | 5% | 100V |
| C1372 | 1-100-156-91 | CERAMIC CHIP | 680PF | 5% | 100V |
| C1373 | 1-100-156-91 | CERAMIC CHIP | 680PF | 5% | 100V |
| C1374 | 1-100-156-91 | CERAMIC CHIP | 680PF | 5% | 100V |
| C1375 | 1-100-156-91 | CERAMIC CHIP | 680PF | 5% | 100V |
| C1376 | 1-100-156-91 | CERAMIC CHIP | 680PF | 5% | 100V |
| C1377 | 1-100-156-91 | CERAMIC CHIP | 680PF | 5% | 100V (US, CND) |
| C1379 | 1-100-188-11 | MYLAR | 0.75uF | 5% | 250V (US, CND) |
| C1381 | 1-100-156-91 | CERAMIC CHIP | 680PF | 5% | 100V |
| C1382 | 1-100-156-91 | CERAMIC CHIP | 680PF | 5% | 100V |
| C1383 | 1-100-156-91 | CERAMIC CHIP | 680PF | 5% | 100V |
| C1384 | 1-100-156-91 | CERAMIC CHIP | 680PF | 5% | 100V |
| C1385 | 1-100-156-91 | CERAMIC CHIP | 680PF | 5% | 100V |
| C1386 | 1-100-156-91 | CERAMIC CHIP | 680PF | 5% | 100V |
| C1387 | 1-100-156-91 | CERAMIC CHIP | 680PF | 5% | 100V (US, CND) |
| C1391 | 1-100-156-91 | CERAMIC CHIP | 680PF | 5% | 100V |
| C1392 | 1-100-156-91 | CERAMIC CHIP | 680PF | 5% | 100V |
| C1393 | 1-100-156-91 | CERAMIC CHIP | 680PF | 5% | 100V |
| C1394 | 1-100-156-91 | CERAMIC CHIP | 680PF | 5% | 100V |
| C1395 | 1-100-156-91 | CERAMIC CHIP | 680PF | 5% | 100V |
| C1396 | 1-100-156-91 | CERAMIC CHIP | 680PF | 5% | 100V |
| C1397 | 1-100-156-91 | CERAMIC CHIP | 680PF | 5% | 100V (US, CND) |
| C1400 | 1-119-824-31 | ELECT | 10uF | 20% | 50V (AEP) |

## D-AMP

| Ref. No. | Part No. | Description | | | | Remark |
|---|---|---|---|---|---|---|
| C1400 | 1-119-824-11 | ELECT | 10uF | 20% | 50V | (US, CND) |
| C1400 | 1-135-743-11 | ELECT | 10uF | | 50V | (TW, KR) |
| C1401 | 1-100-398-21 | ELECT | 270uF | 20% | 10V | |
| C1402 | 1-100-398-21 | ELECT | 270uF | 20% | 10V | |
| C1403 | 1-100-398-21 | ELECT | 270uF | 20% | 10V | |
| C1404 | 1-100-398-21 | ELECT | 270uF | 20% | 10V | |
| C1406 | 1-162-974-11 | CERAMIC CHIP | 0.01uF | | 50V | |
| C1407 | 1-162-974-11 | CERAMIC CHIP | 0.01uF | | 50V | |
| C1408 | 1-162-974-11 | CERAMIC CHIP | 0.01uF | | 50V | |
| C1409 | 1-162-974-11 | CERAMIC CHIP | 0.01uF | | 50V | |
| C1410 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V | |
| C1411 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V | |
| C1412 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V | |
| C1413 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V | |
| C1414 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V | |
| C1416 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V | |
| C1417 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V | |
| C1418 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V | |
| C1419 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V | |
| C1421 | 1-162-974-11 | CERAMIC CHIP | 0.01uF | | 50V | |
| C1422 | 1-162-974-11 | CERAMIC CHIP | 0.01uF | | 50V | |
| C1423 | 1-162-974-11 | CERAMIC CHIP | 0.01uF | | 50V | |
| C1424 | 1-162-974-11 | CERAMIC CHIP | 0.01uF | | 50V | |
| C1426 | 1-162-962-11 | CERAMIC CHIP | 470PF | 10% | 50V | |
| C1427 | 1-162-962-11 | CERAMIC CHIP | 470PF | 10% | 50V | |
| C1428 | 1-162-962-11 | CERAMIC CHIP | 470PF | 10% | 50V | |
| C1429 | 1-162-962-11 | CERAMIC CHIP | 470PF | 10% | 50V | |
| C1431 | 1-100-398-21 | ELECT | 270uF | 20% | 10V | |
| C1436 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V | |
| C1437 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V | |
| C1438 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V | |
| C1439 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V | |
| C1441 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V | |
| C1442 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V | |
| C1443 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V | |
| C1444 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V | |
| C1446 | 1-100-398-21 | ELECT | 270uF | 20% | 10V | |
| C1447 | 1-100-398-21 | ELECT | 270uF | 20% | 10V | |
| C1448 | 1-100-398-21 | ELECT | 270uF | 20% | 10V | |
| C1449 | 1-100-398-21 | ELECT | 270uF | 20% | 10V | |
| C1451 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V | |
| C1452 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V | |
| C1453 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V | |
| C1454 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V | |
| C1456 | 1-162-974-11 | CERAMIC CHIP | 0.01uF | | 50V | |
| C1457 | 1-162-974-11 | CERAMIC CHIP | 0.01uF | | 50V | |
| C1458 | 1-162-974-11 | CERAMIC CHIP | 0.01uF | | 50V | |
| C1459 | 1-162-974-11 | CERAMIC CHIP | 0.01uF | | 50V | |
| C1461 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V | |
| C1462 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V | |
| C1463 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V | |
| C1464 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V | |
| C1466 | 1-162-974-11 | CERAMIC CHIP | 0.01uF | | 50V | |
| C1467 | 1-162-974-11 | CERAMIC CHIP | 0.01uF | | 50V | |
| C1468 | 1-162-974-11 | CERAMIC CHIP | 0.01uF | | 50V | |
| C1469 | 1-162-974-11 | CERAMIC CHIP | 0.01uF | | 50V | |
| C1470 | 1-100-398-21 | ELECT | 270uF | 20% | 10V | |
| C1471 | 1-162-908-11 | CERAMIC CHIP | 3PF | 0.25PF | 50V | |
| C1472 | 1-115-416-11 | CERAMIC CHIP | 0.001uF | 5% | 25V | |
| C1473 | 1-162-915-11 | CERAMIC CHIP | 10PF | 0.5PF | 50V | |
| C1476 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V | |
| C1480 | 1-119-799-11 | ELECT | 47uF | 20% | 25V | (EXCEPT AEP) |
| C1480 | 1-135-680-91 | ELECT | 47uF | | 25V | (AEP) |
| C1481 | 1-162-960-11 | CERAMIC CHIP | 220PF | 10% | 50V | |
| C1482 | 1-162-960-11 | CERAMIC CHIP | 220PF | 10% | 50V | |
| C1483 | 1-117-720-11 | CERAMIC CHIP | 4.7uF | | 10V | |
| C1484 | 1-117-720-11 | CERAMIC CHIP | 4.7uF | | 10V | |
| C1485 | 1-117-720-11 | CERAMIC CHIP | 4.7uF | | 10V | |
| C1486 | 1-117-720-11 | CERAMIC CHIP | 4.7uF | | 10V | |
| C1487 | 1-162-927-11 | CERAMIC CHIP | 100PF | 5% | 50V | |
| C1488 | 1-162-927-11 | CERAMIC CHIP | 100PF | 5% | 50V | |
| C1489 | 1-128-832-11 | ELECT | 220uF | 20% | 10V | (EXCEPT AEP) |
| C1489 | 1-135-667-91 | ELECT | 220uF | | 10V | (AEP) |
| C1490 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V | |
| C1491 | 1-162-927-11 | CERAMIC CHIP | 100PF | 5% | 50V | |
| C1492 | 1-162-927-11 | CERAMIC CHIP | 100PF | 5% | 50V | |
| C1493 | 1-162-964-11 | CERAMIC CHIP | 0.001uF | 10% | 50V | |
| C1494 | 1-162-964-11 | CERAMIC CHIP | 0.001uF | 10% | 50V | |
| C1495 | 1-162-927-11 | CERAMIC CHIP | 100PF | 5% | 50V | |
| C1496 | 1-162-927-11 | CERAMIC CHIP | 100PF | 5% | 50V | |
| C1497 | 1-128-832-11 | ELECT | 220uF | 20% | 10V | (EXCEPT AEP) |
| C1497 | 1-135-667-91 | ELECT | 220uF | | 10V | (AEP) |
| C1498 | 1-128-832-11 | ELECT | 220uF | 20% | 10V | (EXCEPT AEP) |
| C1498 | 1-135-667-91 | ELECT | 220uF | | 10V | (AEP) |
| C1499 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V | |
| C1501 | 1-162-968-11 | CERAMIC CHIP | 0.0047uF | 10% | 50V | |
| C1502 | 1-162-968-11 | CERAMIC CHIP | 0.0047uF | 10% | 50V | |
| C1511 | 1-162-924-11 | CERAMIC CHIP | 56PF | 5% | 50V | |
| C1512 | 1-162-924-11 | CERAMIC CHIP | 56PF | 5% | 50V | |
| C1513 | 1-162-924-11 | CERAMIC CHIP | 56PF | 5% | 50V | |
| C1514 | 1-162-924-11 | CERAMIC CHIP | 56PF | 5% | 50V | |
| C1515 | 1-162-924-11 | CERAMIC CHIP | 56PF | 5% | 50V | |
| C1516 | 1-162-924-11 | CERAMIC CHIP | 56PF | 5% | 50V | |
| C1517 | 1-162-924-11 | CERAMIC CHIP | 56PF | 5% | 50V | (US, CND) |
| C1521 | 1-162-924-11 | CERAMIC CHIP | 56PF | 5% | 50V | |
| C1522 | 1-162-924-11 | CERAMIC CHIP | 56PF | 5% | 50V | |
| C1523 | 1-162-924-11 | CERAMIC CHIP | 56PF | 5% | 50V | |
| C1524 | 1-162-924-11 | CERAMIC CHIP | 56PF | 5% | 50V | |
| C1525 | 1-162-924-11 | CERAMIC CHIP | 56PF | 5% | 50V | |
| C1526 | 1-162-924-11 | CERAMIC CHIP | 56PF | 5% | 50V | |
| C1527 | 1-162-924-11 | CERAMIC CHIP | 56PF | 5% | 50V | (US, CND) |
| C1531 | 1-162-924-11 | CERAMIC CHIP | 56PF | 5% | 50V | |
| C1532 | 1-162-924-11 | CERAMIC CHIP | 56PF | 5% | 50V | |
| C1533 | 1-162-924-11 | CERAMIC CHIP | 56PF | 5% | 50V | |
| C1534 | 1-162-924-11 | CERAMIC CHIP | 56PF | 5% | 50V | |

**D-AMP**

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| C1535 | 1-162-924-11 | CERAMIC CHIP | 56PF | 5% | 50V |
| C1536 | 1-162-924-11 | CERAMIC CHIP | 56PF | 5% | 50V |
| C1537 | 1-162-924-11 | CERAMIC CHIP | 56PF | 5% | 50V |
| | | | | | (US, CND) |
| C1541 | 1-162-924-11 | CERAMIC CHIP | 56PF | 5% | 50V |
| C1542 | 1-162-924-11 | CERAMIC CHIP | 56PF | 5% | 50V |
| C1543 | 1-162-924-11 | CERAMIC CHIP | 56PF | 5% | 50V |
| C1544 | 1-162-924-11 | CERAMIC CHIP | 56PF | 5% | 50V |
| C1545 | 1-162-924-11 | CERAMIC CHIP | 56PF | 5% | 50V |
| C1546 | 1-162-924-11 | CERAMIC CHIP | 56PF | 5% | 50V |
| C1547 | 1-162-924-11 | CERAMIC CHIP | 56PF | 5% | 50V |
| | | | | | (US, CND) |
| C1551 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1552 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1553 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1554 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1555 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1556 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1557 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| | | | | | (US, CND) |
| C1561 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1562 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1563 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1564 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1565 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1566 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1567 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| | | | | | (US, CND) |
| C1571 | 1-100-398-21 | ELECT | 270uF | 20% | 10V |
| C1572 | 1-100-398-21 | ELECT | 270uF | 20% | 10V |
| C1573 | 1-100-398-21 | ELECT | 270uF | 20% | 10V |
| C1574 | 1-100-398-21 | ELECT | 270uF | 20% | 10V |
| C1575 | 1-100-398-21 | ELECT | 270uF | 20% | 10V |
| C1576 | 1-100-398-21 | ELECT | 270uF | 20% | 10V |
| C1577 | 1-100-398-21 | ELECT | 270uF | 20% | 10V |
| | | | | | (US, CND) |
| C1581 | 1-100-398-21 | ELECT | 270uF | 20% | 10V |
| C1582 | 1-100-398-21 | ELECT | 270uF | 20% | 10V |
| C1583 | 1-100-398-21 | ELECT | 270uF | 20% | 10V |
| C1584 | 1-100-398-21 | ELECT | 270uF | 20% | 10V |
| C1585 | 1-100-398-21 | ELECT | 270uF | 20% | 10V |
| C1586 | 1-100-398-21 | ELECT | 270uF | 20% | 10V |
| C1587 | 1-100-398-21 | ELECT | 270uF | 20% | 10V |
| | | | | | (US, CND) |
| C1591 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1592 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1593 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1594 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1595 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1596 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1597 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| | | | | | (US, CND) |
| C1601 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1602 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1603 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1604 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1605 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1606 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1607 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| | | | | | (US, CND) |
| C1610 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1611 | 1-164-245-11 | CERAMIC CHIP | 0.015uF | 10% | 25V |
| C1612 | 1-164-245-11 | CERAMIC CHIP | 0.015uF | 10% | 25V |
| C1613 | 1-164-245-11 | CERAMIC CHIP | 0.015uF | 10% | 25V |
| C1614 | 1-164-245-11 | CERAMIC CHIP | 0.015uF | 10% | 25V |
| C1615 | 1-164-245-11 | CERAMIC CHIP | 0.015uF | 10% | 25V |
| C1616 | 1-164-245-11 | CERAMIC CHIP | 0.015uF | 10% | 25V |
| C1617 | 1-164-245-11 | CERAMIC CHIP | 0.015uF | 10% | 25V |
| | | | | | (US, CND) |
| C1620 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1621 | 1-164-245-11 | CERAMIC CHIP | 0.015uF | 10% | 25V |
| C1622 | 1-164-245-11 | CERAMIC CHIP | 0.015uF | 10% | 25V |
| C1623 | 1-164-245-11 | CERAMIC CHIP | 0.015uF | 10% | 25V |
| C1624 | 1-164-245-11 | CERAMIC CHIP | 0.015uF | 10% | 25V |
| C1625 | 1-164-245-11 | CERAMIC CHIP | 0.015uF | 10% | 25V |
| C1626 | 1-164-245-11 | CERAMIC CHIP | 0.015uF | 10% | 25V |
| C1627 | 1-164-245-11 | CERAMIC CHIP | 0.015uF | 10% | 25V |
| | | | | | (US, CND) |
| C1630 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1640 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1650 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1651 | 1-100-623-91 | CERAMIC CHIP | 0.1uF | 10% | 100V |
| C1652 | 1-100-623-91 | CERAMIC CHIP | 0.1uF | 10% | 100V |
| C1653 | 1-100-623-91 | CERAMIC CHIP | 0.1uF | 10% | 100V |
| C1654 | 1-100-623-91 | CERAMIC CHIP | 0.1uF | 10% | 100V |
| C1655 | 1-100-623-91 | CERAMIC CHIP | 0.1uF | 10% | 100V |
| C1656 | 1-100-623-91 | CERAMIC CHIP | 0.1uF | 10% | 100V |
| C1657 | 1-100-623-91 | CERAMIC CHIP | 0.1uF | 10% | 100V |
| | | | | | (US, CND) |
| C1660 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| | | | | | (US, CND) |
| C1661 | 1-100-623-91 | CERAMIC CHIP | 0.1uF | 10% | 100V |
| C1662 | 1-100-623-91 | CERAMIC CHIP | 0.1uF | 10% | 100V |
| C1663 | 1-100-623-91 | CERAMIC CHIP | 0.1uF | 10% | 100V |
| C1664 | 1-100-623-91 | CERAMIC CHIP | 0.1uF | 10% | 100V |
| C1665 | 1-100-623-91 | CERAMIC CHIP | 0.1uF | 10% | 100V |
| C1666 | 1-100-623-91 | CERAMIC CHIP | 0.1uF | 10% | 100V |
| C1667 | 1-100-623-91 | CERAMIC CHIP | 0.1uF | 10% | 100V |
| | | | | | (US, CND) |
| C1671 | 1-100-623-91 | CERAMIC CHIP | 0.1uF | 10% | 100V |
| C1672 | 1-100-623-91 | CERAMIC CHIP | 0.1uF | 10% | 100V |
| C1673 | 1-100-623-91 | CERAMIC CHIP | 0.1uF | 10% | 100V |
| C1674 | 1-100-623-91 | CERAMIC CHIP | 0.1uF | 10% | 100V |
| C1675 | 1-100-623-91 | CERAMIC CHIP | 0.1uF | 10% | 100V |
| C1676 | 1-100-623-91 | CERAMIC CHIP | 0.1uF | 10% | 100V |
| C1677 | 1-100-623-91 | CERAMIC CHIP | 0.1uF | 10% | 100V |
| | | | | | (US, CND) |
| C1681 | 1-100-623-91 | CERAMIC CHIP | 0.1uF | 10% | 100V |
| C1682 | 1-100-623-91 | CERAMIC CHIP | 0.1uF | 10% | 100V |
| C1683 | 1-100-623-91 | CERAMIC CHIP | 0.1uF | 10% | 100V |
| C1684 | 1-100-623-91 | CERAMIC CHIP | 0.1uF | 10% | 100V |
| C1685 | 1-100-623-91 | CERAMIC CHIP | 0.1uF | 10% | 100V |
| C1686 | 1-100-623-91 | CERAMIC CHIP | 0.1uF | 10% | 100V |
| C1687 | 1-100-623-91 | CERAMIC CHIP | 0.1uF | 10% | 100V |
| | | | | | (US, CND) |
| C1691 | 1-100-622-21 | MYLAR | 0.1uF | 5% | 100V |
| | | | | | (AEP) |

## D-AMP

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| C1691 | 1-130-777-00 | MYLAR | 0.1uF | 5% | 100V (EXCEPT AEP) |
| C1692 | 1-100-622-21 | MYLAR | 0.1uF | 5% | 100V (AEP) |
| C1692 | 1-130-777-00 | MYLAR | 0.1uF | 5% | 100V (EXCEPT AEP) |
| C1693 | 1-100-622-21 | MYLAR | 0.1uF | 5% | 100V (AEP) |
| C1693 | 1-130-777-00 | MYLAR | 0.1uF | 5% | 100V (EXCEPT AEP) |
| C1694 | 1-100-622-21 | MYLAR | 0.1uF | 5% | 100V (AEP) |
| C1694 | 1-130-777-00 | MYLAR | 0.1uF | 5% | 100V (EXCEPT AEP) |
| C1695 | 1-100-622-21 | MYLAR | 0.1uF | 5% | 100V (AEP) |
| C1695 | 1-130-777-00 | MYLAR | 0.1uF | 5% | 100V (EXCEPT AEP) |
| C1696 | 1-100-622-21 | MYLAR | 0.1uF | 5% | 100V (AEP) |
| C1696 | 1-130-777-00 | MYLAR | 0.1uF | 5% | 100V (EXCEPT AEP) |
| C1697 | 1-130-777-00 | MYLAR | 0.1uF | 5% | 100V (US, CND) |
| C1701 | 1-100-622-21 | MYLAR | 0.1uF | 5% | 100V (AEP) |
| C1701 | 1-130-777-00 | MYLAR | 0.1uF | 5% | 100V (EXCEPT AEP) |
| C1702 | 1-100-622-21 | MYLAR | 0.1uF | 5% | 100V (AEP) |
| C1702 | 1-130-777-00 | MYLAR | 0.1uF | 5% | 100V (EXCEPT AEP) |
| C1703 | 1-100-622-21 | MYLAR | 0.1uF | 5% | 100V (AEP) |
| C1703 | 1-130-777-00 | MYLAR | 0.1uF | 5% | 100V (EXCEPT AEP) |
| C1704 | 1-100-622-21 | MYLAR | 0.1uF | 5% | 100V (AEP) |
| C1704 | 1-130-777-00 | MYLAR | 0.1uF | 5% | 100V (EXCEPT AEP) |
| C1705 | 1-100-622-21 | MYLAR | 0.1uF | 5% | 100V (AEP) |
| C1705 | 1-130-777-00 | MYLAR | 0.1uF | 5% | 100V (EXCEPT AEP) |
| C1706 | 1-100-622-21 | MYLAR | 0.1uF | 5% | 100V (AEP) |
| C1706 | 1-130-777-00 | MYLAR | 0.1uF | 5% | 100V (EXCEPT AEP) |
| C1707 | 1-130-777-00 | MYLAR | 0.1uF | 5% | 100V (US, CND) |
| C1711 | 1-107-937-11 | ELECT | 1000uF | 20% | 100V |
| C1712 | 1-107-937-11 | ELECT | 1000uF | 20% | 100V |
| C1713 | 1-107-936-11 | ELECT | 470uF | 20% | 100V (US, CND) |
| C1713 | 1-107-937-11 | ELECT | 1000uF | 20% | 100V (AEP, TW, KR) |
| C1714 | 1-107-936-11 | ELECT | 470uF | 20% | 100V (US, CND) |
| C1714 | 1-107-937-11 | ELECT | 1000uF | 20% | 100V (AEP, TW, KR) |
| C1715 | 1-107-936-11 | ELECT | 470uF | 20% | 100V (US, CND) |
| C1715 | 1-107-937-11 | ELECT | 1000uF | 20% | 100V (AEP, TW, KR) |
| C1716 | 1-107-936-11 | ELECT | 470uF | 20% | 100V (US, CND) |
| C1716 | 1-107-937-11 | ELECT | 1000uF | 20% | 100V (AEP, TW, KR) |
| C1717 | 1-107-936-11 | ELECT | 470uF | 20% | 100V (US, CND) |
| C1721 | 1-100-622-21 | MYLAR | 0.1uF | 5% | 100V (AEP) |
| C1721 | 1-130-777-00 | MYLAR | 0.1uF | 5% | 100V (EXCEPT AEP) |
| C1722 | 1-100-622-21 | MYLAR | 0.1uF | 5% | 100V (AEP) |
| C1722 | 1-130-777-00 | MYLAR | 0.1uF | 5% | 100V (EXCEPT AEP) |
| C1723 | 1-100-622-21 | MYLAR | 0.1uF | 5% | 100V (AEP) |
| C1723 | 1-130-777-00 | MYLAR | 0.1uF | 5% | 100V (EXCEPT AEP) |
| C1724 | 1-100-622-21 | MYLAR | 0.1uF | 5% | 100V (AEP) |
| C1724 | 1-130-777-00 | MYLAR | 0.1uF | 5% | 100V (EXCEPT AEP) |
| C1725 | 1-100-622-21 | MYLAR | 0.1uF | 5% | 100V (AEP) |
| C1725 | 1-130-777-00 | MYLAR | 0.1uF | 5% | 100V (EXCEPT AEP) |
| C1726 | 1-100-622-21 | MYLAR | 0.1uF | 5% | 100V (AEP) |
| C1726 | 1-130-777-00 | MYLAR | 0.1uF | 5% | 100V (EXCEPT AEP) |
| C1727 | 1-130-777-00 | MYLAR | 0.1uF | 5% | 100V (US, CND) |
| C1731 | 1-162-966-11 | CERAMIC CHIP | 0.0022uF | 10% | 50V |
| C1732 | 1-162-966-11 | CERAMIC CHIP | 0.0022uF | 10% | 50V |
| C1733 | 1-162-966-11 | CERAMIC CHIP | 0.0022uF | 10% | 50V |
| C1734 | 1-162-966-11 | CERAMIC CHIP | 0.0022uF | 10% | 50V |
| C1735 | 1-162-966-11 | CERAMIC CHIP | 0.0022uF | 10% | 50V |
| C1736 | 1-162-966-11 | CERAMIC CHIP | 0.0022uF | 10% | 50V |
| C1737 | 1-162-966-11 | CERAMIC CHIP | 0.0022uF | 10% | 50V (US, CND) |
| C1741 | 1-100-188-11 | MYLAR | 0.75uF | 5% | 250V |
| C1742 | 1-100-188-11 | MYLAR | 0.75uF | 5% | 250V |
| C1743 | 1-100-188-11 | MYLAR | 0.75uF | 5% | 250V |
| C1744 | 1-100-188-11 | MYLAR | 0.75uF | 5% | 250V |
| C1745 | 1-100-188-11 | MYLAR | 0.75uF | 5% | 250V |
| C1746 | 1-100-188-11 | MYLAR | 0.75uF | 5% | 250V |
| C1747 | 1-100-188-11 | MYLAR | 0.75uF | 5% | 250V (US, CND) |
| C1751 | 1-100-188-11 | MYLAR | 0.75uF | 5% | 250V |
| C1752 | 1-100-188-11 | MYLAR | 0.75uF | 5% | 250V |
| C1753 | 1-100-188-11 | MYLAR | 0.75uF | 5% | 250V |
| C1754 | 1-100-188-11 | MYLAR | 0.75uF | 5% | 250V |
| C1755 | 1-100-188-11 | MYLAR | 0.75uF | 5% | 250V |
| C1756 | 1-100-188-11 | MYLAR | 0.75uF | 5% | 250V |
| C1757 | 1-100-188-11 | MYLAR | 0.75uF | 5% | 250V (US, CND) |
| C1761 | 1-100-156-91 | CERAMIC CHIP | 680PF | 5% | 100V |
| C1762 | 1-100-156-91 | CERAMIC CHIP | 680PF | 5% | 100V |
| C1763 | 1-100-156-91 | CERAMIC CHIP | 680PF | 5% | 100V |

**D-AMP**

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| C1764 | 1-100-156-91 | CERAMIC CHIP | 680PF | 5% | 100V |
| C1766 | 1-100-156-91 | CERAMIC CHIP | 680PF | 5% | 100V |
| C1767 | 1-100-156-91 | CERAMIC CHIP | 680PF | 5% | 100V |
| C1768 | 1-100-156-91 | CERAMIC CHIP | 680PF | 5% | 100V |
| C1769 | 1-100-156-91 | CERAMIC CHIP | 680PF | 5% | 100V |
| C1771 | 1-100-156-91 | CERAMIC CHIP | 680PF | 5% | 100V |
| C1772 | 1-100-156-91 | CERAMIC CHIP | 680PF | 5% | 100V |
| C1773 | 1-100-156-91 | CERAMIC CHIP | 680PF | 5% | 100V |
| C1774 | 1-100-156-91 | CERAMIC CHIP | 680PF | 5% | 100V |
| C1776 | 1-100-156-91 | CERAMIC CHIP | 680PF | 5% | 100V |
| C1777 | 1-100-156-91 | CERAMIC CHIP | 680PF | 5% | 100V |
| C1778 | 1-100-156-91 | CERAMIC CHIP | 680PF | 5% | 100V |
| C1779 | 1-100-156-91 | CERAMIC CHIP | 680PF | 5% | 100V |
| C1781 | 1-117-720-11 | CERAMIC CHIP | 4.7uF | | 10V |
| C1782 | 1-117-720-11 | CERAMIC CHIP | 4.7uF | | 10V |
| C1783 | 1-117-720-11 | CERAMIC CHIP | 4.7uF | | 10V |
| C1784 | 1-117-720-11 | CERAMIC CHIP | 4.7uF | | 10V |
| C1785 | 1-117-720-11 | CERAMIC CHIP | 4.7uF | | 10V |
| C1786 | 1-117-720-11 | CERAMIC CHIP | 4.7uF | | 10V |
| C1787 | 1-117-720-11 | CERAMIC CHIP | 4.7uF | | 10V (US, CND) |
| C1791 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1792 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1793 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1794 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1795 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1796 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V (US, CND) |
| C1800 | 1-119-824-31 | ELECT | 10uF | 20% | 50V (AEP) |
| C1800 | 1-119-824-11 | ELECT | 10uF | 20% | 50V (US, CND) |
| C1800 | 1-135-743-11 | ELECT | 10uF | | 50V (TW, KR) |
| C1801 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1802 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1803 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1804 | 1-162-974-11 | CERAMIC CHIP | 0.01uF | | 50V |
| C1841 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1851 | 1-126-077-11 | ELECT | 100uF | 20% | 100V (AEP) |
| C1851 | 1-126-077-11 | ELECT | 100uF | 20% | 100V (US, CND) |
| C1851 | 1-135-730-51 | ELECT | 100uF | | 100V (TW, KR) |
| C1852 | 1-119-792-21 | ELECT | 470uF | 20% | 16V (AEP) |
| C1852 | 1-127-720-91 | ELECT | 470uF | 20% | 16V (US, CND) |
| C1852 | 1-135-711-91 | ELECT | 470uF | | 16V (TW, KR) |
| C1853 | 1-162-927-11 | CERAMIC CHIP | 100PF | 5% | 50V |
| C1854 | 1-119-792-21 | ELECT | 470uF | 20% | 16V (AEP) |
| C1854 | 1-127-720-91 | ELECT | 470uF | 20% | 16V (US, CND) |
| C1854 | 1-135-711-91 | ELECT | 470uF | | 16V (TW, KR) |
| C1855 | 1-162-927-11 | CERAMIC CHIP | 100PF | 5% | 50V |
| C1856 | 1-119-792-21 | ELECT | 470uF | 20% | 16V (AEP) |
| C1856 | 1-127-720-91 | ELECT | 470uF | 20% | 16V (US, CND) |
| C1856 | 1-135-711-91 | ELECT | 470uF | | 16V (TW, KR) |
| C1857 | 1-162-927-11 | CERAMIC CHIP | 100PF | 5% | 50V |
| C1858 | 1-119-792-21 | ELECT | 470uF | 20% | 16V (AEP) |
| C1858 | 1-127-720-91 | ELECT | 470uF | 20% | 16V (US, CND) |
| C1858 | 1-135-711-91 | ELECT | 470uF | | 16V (TW, KR) |
| C1880 | 1-119-792-21 | ELECT | 470uF | 20% | 16V (AEP) |
| C1880 | 1-127-720-91 | ELECT | 470uF | 20% | 16V (US, CND) |
| C1880 | 1-135-711-91 | ELECT | 470uF | | 16V (TW, KR) |
| C1884 | 1-216-295-00 | SHORT CHIP | 0 (US, CND) | | |
| C1891 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1892 | 1-119-799-11 | ELECT | 47uF | 20% | 25V (EXCEPT AEP) |
| C1892 | 1-135-680-91 | ELECT | 47uF | | 25V (AEP) |
| C1893 | 1-117-720-11 | CERAMIC CHIP | 4.7uF | | 10V |
| C1900 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1901 | 1-162-974-11 | CERAMIC CHIP | 0.01uF | | 50V |
| C1902 | 1-162-974-11 | CERAMIC CHIP | 0.01uF | | 50V |
| C1903 | 1-162-974-11 | CERAMIC CHIP | 0.01uF | | 50V |
| C1904 | 1-162-974-11 | CERAMIC CHIP | 0.01uF | | 50V |
| C1905 | 1-162-974-11 | CERAMIC CHIP | 0.01uF | | 50V |
| C1906 | 1-162-974-11 | CERAMIC CHIP | 0.01uF | | 50V |
| C1907 | 1-162-974-11 | CERAMIC CHIP | 0.01uF | | 50V |
| C1908 | 1-162-974-11 | CERAMIC CHIP | 0.01uF | | 50V |
| C1910 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1911 | 1-162-974-11 | CERAMIC CHIP | 0.01uF | | 50V |
| C1912 | 1-162-974-11 | CERAMIC CHIP | 0.01uF | | 50V |
| C1913 | 1-162-974-11 | CERAMIC CHIP | 0.01uF | | 50V |
| C1915 | 1-162-974-11 | CERAMIC CHIP | 0.01uF | | 50V |
| C1916 | 1-162-974-11 | CERAMIC CHIP | 0.01uF | | 50V |
| C1917 | 1-162-974-11 | CERAMIC CHIP | 0.01uF | | 50V |
| C1918 | 1-162-974-11 | CERAMIC CHIP | 0.01uF | | 50V (US, CND) |
| C1940 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1941 | 1-162-974-11 | CERAMIC CHIP | 0.01uF | | 50V |
| C1942 | 1-162-974-11 | CERAMIC CHIP | 0.01uF | | 50V |
| C1944 | 1-162-974-11 | CERAMIC CHIP | 0.01uF | | 50V |
| C1945 | 1-162-974-11 | CERAMIC CHIP | 0.01uF | | 50V |
| C1946 | 1-162-974-11 | CERAMIC CHIP | 0.01uF | | 50V |
| C1947 | 1-162-974-11 | CERAMIC CHIP | 0.01uF | | 50V |
| C1951 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1952 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1953 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1954 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1955 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1956 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1961 | 1-119-824-31 | ELECT | 10uF | 20% | 50V (AEP) |

## D-AMP

| Ref. No. | Part No. | Description | | | | Remark |
|---|---|---|---|---|---|---|
| C1961 | 1-119-824-11 | ELECT | 10uF | 20% | 50V | (US, CND) |
| C1961 | 1-135-743-11 | ELECT | 10uF | | 50V | (TW, KR) |
| C1963 | 1-119-800-11 | ELECT | 100uF | 20% | 25V | (AEP) |
| C1963 | 1-127-718-91 | ELECT | 100uF | 20% | 16V | (US, CND) |
| C1963 | 1-135-709-91 | ELECT | 100uF | | 16V | (TW, KR) |
| C1965 | 1-117-720-11 | CERAMIC CHIP | 4.7uF | | 10V | |
| C1966 | 1-119-800-11 | ELECT | 100uF | 20% | 25V | (AEP) |
| C1966 | 1-127-718-91 | ELECT | 100uF | 20% | 16V | (US, CND) |
| C1966 | 1-135-709-91 | ELECT | 100uF | | 16V | (TW, KR) |
| C1970 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V | |
| C1980 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V | |
| C2851 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V | (EXCEPT US, CND) |
| C2872 | 1-163-021-11 | CERAMIC CHIP | 0.01uF | 10% | 50V | (EXCEPT US, CND) |
| C2873 | 1-162-966-11 | CERAMIC CHIP | 0.0022uF | 10% | 50V | (EXCEPT US, CND) |
| C2874 | 1-162-966-11 | CERAMIC CHIP | 0.0022uF | 10% | 50V | (EXCEPT US, CND) |
| C2885 | 1-119-825-41 | ELECT | 22uF | 20% | 50V | (AEP) |
| C2885 | 1-135-744-91 | ELECT | 22uF | | 50V | (TW, KR) |
| C2886 | 1-119-800-11 | ELECT | 100uF | 20% | 25V | (AEP) |
| C2886 | 1-135-709-91 | ELECT | 100uF | | 16V | (TW, KR) |
| C2887 | 1-137-505-11 | MYLAR | 220PF | 5% | 100V | (EXCEPT US, CND) |
| C2888 | 1-119-825-41 | ELECT | 22uF | 20% | 50V | (AEP) |
| C2888 | 1-135-744-91 | ELECT | 22uF | | 50V | (TW, KR) |
| C2889 | 1-162-927-11 | CERAMIC CHIP | 100PF | 5% | 50V | (EXCEPT US, CND) |
| C18881 | 1-216-295-00 | SHORT CHIP | 0 (US, CND) | | | |
| | | < CONNECTOR > | | | | |
| CN1480 | 1-779-978-11 | PIN, CONNECTOR 3P | | | | |
| CN1853 | 1-784-922-11 | PIN, CONNECTOR 5P | | | | |
| CN1901 | 1-784-796-11 | CONNECTOR, FFC 35P | | | | |
| CN1902 | 1-784-786-11 | CONNECTOR, FFC 25P | | | | |
| CN1903 | 1-784-923-11 | PIN, CONNECTOR 7P | | | | |
| | | < DIODE > | | | | |
| D1316 | 8-719-016-74 | DIODE | 1SS352 | | | |
| D1317 | 8-719-016-74 | DIODE | 1SS352 | | | |
| D1318 | 8-719-016-74 | DIODE | 1SS352 | | | |
| D1319 | 8-719-016-74 | DIODE | 1SS352 | | | |
| D1320 | 8-719-016-74 | DIODE | 1SS352 | | | |
| D1321 | 8-719-016-74 | DIODE | 1SS352 | | | |
| D1322 | 8-719-016-74 | DIODE | 1SS352 (US, CND) | | | |
| D1470 | 8-719-049-09 | DIODE | 1SS367-T3SONY | | | |
| D1480 | 8-719-016-74 | DIODE | 1SS352 | | | |
| D1490 | 8-719-016-74 | DIODE | 1SS352 | | | |
| D1521 | 8-719-049-09 | DIODE | 1SS367-T3SONY | | | |
| D1522 | 8-719-049-09 | DIODE | 1SS367-T3SONY | | | |
| D1523 | 8-719-049-09 | DIODE | 1SS367-T3SONY | | | |
| D1524 | 8-719-049-09 | DIODE | 1SS367-T3SONY | | | |
| D1525 | 8-719-049-09 | DIODE | 1SS367-T3SONY | | | |
| D1526 | 8-719-049-09 | DIODE | 1SS367-T3SONY | | | |
| D1527 | 8-719-049-09 | DIODE | 1SS367-T3SONY (US, CND) | | | |
| D1531 | 8-719-049-09 | DIODE | 1SS367-T3SONY | | | |
| D1532 | 8-719-049-09 | DIODE | 1SS367-T3SONY | | | |
| D1533 | 8-719-049-09 | DIODE | 1SS367-T3SONY | | | |
| D1534 | 8-719-049-09 | DIODE | 1SS367-T3SONY | | | |
| D1535 | 8-719-049-09 | DIODE | 1SS367-T3SONY | | | |
| D1536 | 8-719-049-09 | DIODE | 1SS367-T3SONY | | | |
| D1537 | 8-719-049-09 | DIODE | 1SS367-T3SONY (US, CND) | | | |
| D1581 | 8-719-049-09 | DIODE | 1SS367-T3SONY | | | |
| D1680 | 8-719-016-74 | DIODE | 1SS352 | | | |
| D1690 | 8-719-016-74 | DIODE | 1SS352 | | | |
| D1801 | 8-719-016-74 | DIODE | 1SS352 | | | |
| D1803 | 6-500-812-01 | DIODE | RLZTE-113.6B | | | |
| D1891 | 8-719-820-05 | DIODE | 1SS181 | | | |
| D2851 | 8-719-016-74 | DIODE | 1SS352 (EXCEPT US, CND) | | | |
| | | < GROUND TERMINAL > | | | | |
| * EP1801 | 1-537-738-21 | TERMINAL, EARTH (US, CND) | | | | |
| * EP1802 | 1-537-738-21 | TERMINAL, EARTH | | | | |
| * EP1806 | 1-537-738-21 | TERMINAL, EARTH | | | | |
| | | < FERRITE BEAD > | | | | |
| FB1400 | 1-414-760-21 | FERRITE, EMI (SMD) (1608) | | | | |
| FB1401 | 1-469-120-21 | FERRITE, EMI (SMD) (1608) | | | | |
| FB1402 | 1-469-120-21 | FERRITE, EMI (SMD) (1608) | | | | |
| FB1403 | 1-414-760-21 | FERRITE, EMI (SMD) (1608) | | | | |
| FB1404 | 1-414-760-21 | FERRITE, EMI (SMD) (1608) | | | | |
| FB1410 | 1-414-760-21 | FERRITE, EMI (SMD) (1608) | | | | |
| FB1411 | 1-414-760-21 | FERRITE, EMI (SMD) (1608) | | | | |
| FB1412 | 1-414-760-21 | FERRITE, EMI (SMD) (1608) | | | | |
| FB1413 | 1-414-760-21 | FERRITE, EMI (SMD) (1608) | | | | |
| FB1414 | 1-414-760-21 | FERRITE, EMI (SMD) (1608) | | | | |
| FB1416 | 1-414-760-21 | FERRITE, EMI (SMD) (1608) | | | | |
| FB1417 | 1-414-760-21 | FERRITE, EMI (SMD) (1608) | | | | |
| FB1418 | 1-414-760-21 | FERRITE, EMI (SMD) (1608) | | | | |
| FB1419 | 1-414-760-21 | FERRITE, EMI (SMD) (1608) | | | | |
| FB1420 | 1-414-760-21 | FERRITE, EMI (SMD) (1608) | | | | |
| FB1421 | 1-414-656-11 | FERRITE, EMI (SMD) (1608) | | | | |
| FB1426 | 1-414-656-11 | FERRITE, EMI (SMD) (1608) | | | | |
| FB1427 | 1-414-656-11 | FERRITE, EMI (SMD) (1608) | | | | |
| FB1428 | 1-414-656-11 | FERRITE, EMI (SMD) (1608) | | | | |
| FB1431 | 1-414-760-21 | FERRITE, EMI (SMD) (1608) | | | | |
| FB1470 | 1-414-760-21 | FERRITE, EMI (SMD) (1608) | | | | |
| FB1480 | 1-414-445-11 | FERRITE, EMI (SMD) (1608) | | | | |
| FB1510 | 1-414-760-21 | FERRITE, EMI (SMD) (1608) | | | | |
| FB1520 | 1-414-445-11 | FERRITE, EMI (SMD) (1608) | | | | |
| FB1521 | 1-414-760-21 | FERRITE, EMI (SMD) (1608) | | | | |
| FB1522 | 1-414-760-21 | FERRITE, EMI (SMD) (1608) | | | | |
| FB1523 | 1-414-760-21 | FERRITE, EMI (SMD) (1608) | | | | |

| Ref. No. | Part No. | Description | Remark |
|---|---|---|---|
| FB1524 | 1-414-760-21 | FERRITE, EMI (SMD) (1608) | |
| FB1525 | 1-414-760-21 | FERRITE, EMI (SMD) (1608) | |
| FB1526 | 1-414-760-21 | FERRITE, EMI (SMD) (1608) | |
| FB1527 | 1-414-760-21 | FERRITE, EMI (SMD) (1608) (US, CND) | |
| FB1531 | 1-414-760-21 | FERRITE, EMI (SMD) (1608) | |
| FB1532 | 1-414-760-21 | FERRITE, EMI (SMD) (1608) | |
| FB1533 | 1-414-760-21 | FERRITE, EMI (SMD) (1608) | |
| FB1534 | 1-414-760-21 | FERRITE, EMI (SMD) (1608) | |
| FB1535 | 1-414-760-21 | FERRITE, EMI (SMD) (1608) | |
| FB1536 | 1-414-760-21 | FERRITE, EMI (SMD) (1608) | |
| FB1537 | 1-414-760-21 | FERRITE, EMI (SMD) (1608) (US, CND) | |
| FB1800 | 1-414-760-21 | FERRITE, EMI (SMD) (1608) | |
| FB1950 | 1-414-760-21 | FERRITE, EMI (SMD) (1608) | |
| | | < IC > | |
| IC1400 | 8-759-523-13 | IC TC74AC125FT (EL) | |
| IC1401 | 6-702-673-01 | IC CXD9730Q | |
| IC1402 | 6-702-673-01 | IC CXD9730Q | |
| IC1403 | 6-702-673-01 | IC CXD9730Q | |
| IC1404 | 6-702-673-01 | IC CXD9730Q | |
| IC1471 | 8-759-271-88 | IC TC7SHU04FU | |
| IC1481 | 8-759-832-29 | IC NJM4580M-(TE2) | |
| IC1482 | 8-759-832-29 | IC NJM4580M-(TE2) | |
| IC1511 | 8-759-523-08 | IC TC74AC08FT (EL) | |
| IC1512 | 8-759-523-08 | IC TC74AC08FT (EL) | |
| IC1513 | 8-759-523-08 | IC TC74AC08FT (EL) | |
| IC1514 | 8-759-523-08 | IC TC74AC08FT (EL) | |
| IC1515 | 8-759-523-08 | IC TC74AC08FT (EL) | |
| IC1516 | 8-759-523-08 | IC TC74AC08FT (EL) | |
| IC1517 | 8-759-523-08 | IC TC74AC08FT (EL) (US, CND) | |
| IC1521 | 8-759-523-08 | IC TC74AC08FT (EL) | |
| IC1522 | 8-759-523-08 | IC TC74AC08FT (EL) | |
| IC1523 | 8-759-523-08 | IC TC74AC08FT (EL) | |
| IC1524 | 8-759-523-08 | IC TC74AC08FT (EL) | |
| IC1525 | 8-759-523-08 | IC TC74AC08FT (EL) | |
| IC1526 | 8-759-523-08 | IC TC74AC08FT (EL) | |
| IC1527 | 8-759-523-08 | IC TC74AC08FT (EL) (US, CND) | |
| IC1531 | 6-704-197-01 | IC HIP2101IBZT | |
| IC1532 | 6-704-197-01 | IC HIP2101IBZT | |
| IC1533 | 6-704-197-01 | IC HIP2101IBZT | |
| IC1534 | 6-704-197-01 | IC HIP2101IBZT | |
| IC1535 | 6-704-197-01 | IC HIP2101IBZT | |
| IC1536 | 6-704-197-01 | IC HIP2101IBZT | |
| IC1537 | 6-704-197-01 | IC HIP2101IBZT (US, CND) | |
| IC1541 | 6-704-197-01 | IC HIP2101IBZT | |
| IC1542 | 6-704-197-01 | IC HIP2101IBZT | |
| IC1543 | 6-704-197-01 | IC HIP2101IBZT | |
| IC1544 | 6-704-197-01 | IC HIP2101IBZT | |
| IC1545 | 6-704-197-01 | IC HIP2101IBZT | |
| IC1546 | 6-704-197-01 | IC HIP2101IBZT | |
| IC1547 | 6-704-197-01 | IC HIP2101IBZT (US, CND) | |
| IC1800 | 6-803-623-01 | IC MB89F538L | |
| IC1841 | 6-700-942-01 | IC M62342FP | |
| IC1851 | 8-759-701-59 | IC NJM78M09FA | |
| IC1852 | 8-759-231-53 | IC TA7805S | |
| IC1853 | 8-759-641-26 | IC NJM2391DL1-33 (TE1) | |
| IC1900 | 8-759-524-50 | IC TC74VHC541FT (EL) | |
| IC1910 | 8-759-524-50 | IC TC74VHC541FT (EL) | |

| Ref. No. | Part No. | Description | Remark |
|---|---|---|---|
| IC1940 | 8-759-524-50 | IC TC74VHC541FT (EL) | |
| IC1950 | 6-704-741-01 | IC CXD9776AQ | |
| IC1970 | 8-759-523-78 | IC TC74VHC00FT (EL) | |
| IC1980 | 8-759-058-58 | IC TC7S04FU (TE85R) | |
| IC2862 | 6-702-387-01 | IC CXD9725M (EXCEPT US, CND) | |
| IC2863 | 8-759-832-29 | IC NJM4580M-(TE2) (EXCEPT US, CND) | |
| | | < JACK > | |
| J2875 | 1-793-446-11 | JACK, PIN 1P (SUB WOOFER AUDIO OUT) (EXCEPT US, CND) | |
| | | < SHORT > | |
| JR1462 | 1-216-864-11 | SHORT CHIP 0 | |
| JR1463 | 1-216-864-11 | SHORT CHIP 0 | |
| JR1464 | 1-216-864-11 | SHORT CHIP 0 | |
| | | < COIL > | |
| L1301 | 1-456-412-11 | COIL, CHOKE 10uH | |
| L1302 | 1-456-412-11 | COIL, CHOKE 10uH | |
| L1303 | 1-456-412-11 | COIL, CHOKE 10uH | |
| L1304 | 1-456-412-11 | COIL, CHOKE 10uH | |
| L1305 | 1-456-412-11 | COIL, CHOKE 10uH | |
| L1306 | 1-456-412-11 | COIL, CHOKE 10uH | |
| L1307 | 1-456-412-11 | COIL, CHOKE 10uH (US, CND) | |
| L1311 | 1-456-412-11 | COIL, CHOKE 10uH | |
| L1312 | 1-456-412-11 | COIL, CHOKE 10uH | |
| L1313 | 1-456-412-11 | COIL, CHOKE 10uH | |
| L1314 | 1-456-412-11 | COIL, CHOKE 10uH | |
| L1315 | 1-456-412-11 | COIL, CHOKE 10uH | |
| L1316 | 1-456-412-11 | COIL, CHOKE 10uH | |
| L1317 | 1-456-412-11 | COIL, CHOKE 10uH (US, CND) | |
| L1471 | 1-410-993-42 | CHIP INDUCTOR 1uH | |
| L1472 | 1-412-006-31 | CHIP INDUCTOR 10uH | |
| L1473 | 1-412-006-31 | CHIP INDUCTOR 10uH | |
| L1731 | 1-456-412-11 | COIL, CHOKE 10uH | |
| L1732 | 1-456-412-11 | COIL, CHOKE 10uH | |
| L1733 | 1-456-412-11 | COIL, CHOKE 10uH | |
| L1734 | 1-456-412-11 | COIL, CHOKE 10uH | |
| L1735 | 1-456-412-11 | COIL, CHOKE 10uH | |
| L1736 | 1-456-412-11 | COIL, CHOKE 10uH | |
| L1737 | 1-456-412-11 | COIL, CHOKE 10uH (US, CND) | |
| L1741 | 1-456-412-11 | COIL, CHOKE 10uH | |
| L1742 | 1-456-412-11 | COIL, CHOKE 10uH | |
| L1743 | 1-456-412-11 | COIL, CHOKE 10uH | |
| L1744 | 1-456-412-11 | COIL, CHOKE 10uH | |
| L1745 | 1-456-412-11 | COIL, CHOKE 10uH | |
| L1746 | 1-456-412-11 | COIL, CHOKE 10uH | |
| L1747 | 1-456-412-11 | COIL, CHOKE 10uH (US, CND) | |
| | | < TRANSISTOR > | |
| Q1480 | 8-729-230-49 | TRANSISTOR 2SC2712-YG | |
| Q1651 | 6-550-622-01 | FET SUP18N15-95 | |
| Q1652 | 6-550-622-01 | FET SUP18N15-95 | |
| Q1653 | 6-550-622-01 | FET SUP18N15-95 | |
| Q1654 | 6-550-622-01 | FET SUP18N15-95 | |
| Q1655 | 6-550-622-01 | FET SUP18N15-95 | |
| Q1656 | 6-550-622-01 | FET SUP18N15-95 | |

## D-AMP

| Ref. No. | Part No. | Description | | Remark |
|---|---|---|---|---|
| Q1657 | 6-550-622-01 | FET | SUP18N15-95 | (US, CND) |
| Q1661 | 6-550-622-01 | FET | SUP18N15-95 | |
| Q1662 | 6-550-622-01 | FET | SUP18N15-95 | |
| Q1663 | 6-550-622-01 | FET | SUP18N15-95 | |
| Q1664 | 6-550-622-01 | FET | SUP18N15-95 | |
| Q1665 | 6-550-622-01 | FET | SUP18N15-95 | |
| Q1666 | 6-550-622-01 | FET | SUP18N15-95 | |
| Q1667 | 6-550-622-01 | FET | SUP18N15-95 | (US, CND) |
| Q1671 | 6-550-622-01 | FET | SUP18N15-95 | |
| Q1672 | 6-550-622-01 | FET | SUP18N15-95 | |
| Q1673 | 6-550-622-01 | FET | SUP18N15-95 | |
| Q1674 | 6-550-622-01 | FET | SUP18N15-95 | |
| Q1675 | 6-550-622-01 | FET | SUP18N15-95 | |
| Q1676 | 6-550-622-01 | FET | SUP18N15-95 | |
| Q1677 | 6-550-622-01 | FET | SUP18N15-95 | (US, CND) |
| Q1680 | 8-729-230-49 | TRANSISTOR | 2SC2712-YG | |
| Q1681 | 6-550-622-01 | FET | SUP18N15-95 | |
| Q1682 | 6-550-622-01 | FET | SUP18N15-95 | |
| Q1683 | 6-550-622-01 | FET | SUP18N15-95 | |
| Q1684 | 6-550-622-01 | FET | SUP18N15-95 | |
| Q1685 | 6-550-622-01 | FET | SUP18N15-95 | |
| Q1686 | 6-550-622-01 | FET | SUP18N15-95 | |
| Q1687 | 6-550-622-01 | FET | SUP18N15-95 | (US, CND) |
| Q1690 | 8-729-230-49 | TRANSISTOR | 2SC2712-YG | |
| Q1721 | 8-729-216-31 | TRANSISTOR | 2SA1163-G | |
| Q1722 | 8-729-216-31 | TRANSISTOR | 2SA1163-G | |
| Q1723 | 8-729-216-31 | TRANSISTOR | 2SA1163-G | |
| Q1724 | 8-729-216-31 | TRANSISTOR | 2SA1163-G | |
| Q1725 | 8-729-216-31 | TRANSISTOR | 2SA1163-G | |
| Q1726 | 8-729-216-31 | TRANSISTOR | 2SA1163-G | |
| Q1727 | 8-729-216-31 | TRANSISTOR | 2SA1163-G | (US, CND) |
| Q1751 | 8-729-216-22 | TRANSISTOR | 2SA1162-G | |
| Q1752 | 8-729-216-22 | TRANSISTOR | 2SA1162-G | |
| Q1753 | 8-729-216-22 | TRANSISTOR | 2SA1162-G | |
| Q1754 | 8-729-216-22 | TRANSISTOR | 2SA1162-G | |
| Q1755 | 8-729-216-22 | TRANSISTOR | 2SA1162-G | |
| Q1756 | 8-729-216-22 | TRANSISTOR | 2SA1162-G | |
| Q1757 | 8-729-216-22 | TRANSISTOR | 2SA1162-G | (US, CND) |
| Q1761 | 8-729-216-22 | TRANSISTOR | 2SA1162-G | |
| Q1762 | 8-729-216-22 | TRANSISTOR | 2SA1162-G | |
| Q1763 | 8-729-216-22 | TRANSISTOR | 2SA1162-G | |
| Q1764 | 8-729-216-22 | TRANSISTOR | 2SA1162-G | |
| Q1765 | 8-729-216-22 | TRANSISTOR | 2SA1162-G | |
| Q1766 | 8-729-216-22 | TRANSISTOR | 2SA1162-G | |
| Q1767 | 8-729-216-22 | TRANSISTOR | 2SA1162-G | (US, CND) |
| Q1771 | 8-729-230-49 | TRANSISTOR | 2SC2712-YG | |
| Q1772 | 8-729-230-49 | TRANSISTOR | 2SC2712-YG | |
| Q1773 | 8-729-230-49 | TRANSISTOR | 2SC2712-YG | |
| Q1774 | 8-729-230-49 | TRANSISTOR | 2SC2712-YG | |
| Q1775 | 8-729-230-49 | TRANSISTOR | 2SC2712-YG | |
| Q1776 | 8-729-230-49 | TRANSISTOR | 2SC2712-YG | (US, CND) |
| Q1781 | 8-729-230-49 | TRANSISTOR | 2SC2712-YG | |
| Q1782 | 8-729-230-49 | TRANSISTOR | 2SC2712-YG | |
| Q1783 | 8-729-230-49 | TRANSISTOR | 2SC2712-YG | |
| Q1784 | 8-729-230-49 | TRANSISTOR | 2SC2712-YG | |
| Q1785 | 8-729-230-49 | TRANSISTOR | 2SC2712-YG | |
| Q1786 | 8-729-230-49 | TRANSISTOR | 2SC2712-YG | (US, CND) |
| Q1791 | 8-729-230-49 | TRANSISTOR | 2SC2712-YG | |

| Ref. No. | Part No. | Description | | Remark |
|---|---|---|---|---|
| Q1792 | 8-729-230-49 | TRANSISTOR | 2SC2712-YG | |
| Q1793 | 8-729-230-49 | TRANSISTOR | 2SC2712-YG | |
| Q1794 | 8-729-230-49 | TRANSISTOR | 2SC2712-YG | |
| Q1795 | 8-729-230-49 | TRANSISTOR | 2SC2712-YG | |
| Q1796 | 8-729-230-49 | TRANSISTOR | 2SC2712-YG | (US, CND) |
| Q1800 | 8-729-027-38 | TRANSISTOR | DTA144EKA-T146 | |
| Q1891 | 8-729-230-49 | TRANSISTOR | 2SC2712-YG | |
| Q1892 | 8-729-230-49 | TRANSISTOR | 2SC2712-YG | |
| Q2851 | 8-729-230-49 | TRANSISTOR | 2SC2712-YG | (EXCEPT US, CND) |
| Q2852 | 8-729-027-24 | TRANSISTOR | DTA114TKA-T146 | (EXCEPT US, CND) |

< RESISTOR >

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| R1001 | 1-216-295-00 | SHORT CHIP | 0 | | |
| R1002 | 1-216-295-00 | SHORT CHIP | 0 | | |
| R1301 | 1-216-797-11 | METAL CHIP | 10 | 5% | 1/10W |
| R1302 | 1-216-797-11 | METAL CHIP | 10 | 5% | 1/10W |
| R1303 | 1-216-797-11 | METAL CHIP | 10 | 5% | 1/10W |
| R1304 | 1-216-797-11 | METAL CHIP | 10 | 5% | 1/10W |
| R1305 | 1-216-797-11 | METAL CHIP | 10 | 5% | 1/10W |
| R1306 | 1-216-797-11 | METAL CHIP | 10 | 5% | 1/10W |
| R1307 | 1-216-797-11 | METAL CHIP | 10 | 5% | 1/10W (US, CND) |
| R1311 | 1-216-797-11 | METAL CHIP | 10 | 5% | 1/10W |
| R1312 | 1-216-797-11 | METAL CHIP | 10 | 5% | 1/10W |
| R1313 | 1-216-797-11 | METAL CHIP | 10 | 5% | 1/10W |
| R1314 | 1-216-797-11 | METAL CHIP | 10 | 5% | 1/10W |
| R1315 | 1-216-797-11 | METAL CHIP | 10 | 5% | 1/10W |
| R1316 | 1-216-797-11 | METAL CHIP | 10 | 5% | 1/10W |
| R1317 | 1-216-797-11 | METAL CHIP | 10 | 5% | 1/10W (US, CND) |
| R1321 | 1-216-797-11 | METAL CHIP | 10 | 5% | 1/10W |
| R1322 | 1-216-797-11 | METAL CHIP | 10 | 5% | 1/10W |
| R1323 | 1-216-797-11 | METAL CHIP | 10 | 5% | 1/10W |
| R1324 | 1-216-797-11 | METAL CHIP | 10 | 5% | 1/10W |
| R1325 | 1-216-797-11 | METAL CHIP | 10 | 5% | 1/10W |
| R1326 | 1-216-797-11 | METAL CHIP | 10 | 5% | 1/10W |
| R1327 | 1-216-797-11 | METAL CHIP | 10 | 5% | 1/10W (US, CND) |
| R1331 | 1-216-797-11 | METAL CHIP | 10 | 5% | 1/10W |
| R1332 | 1-216-797-11 | METAL CHIP | 10 | 5% | 1/10W |
| R1333 | 1-216-797-11 | METAL CHIP | 10 | 5% | 1/10W |
| R1334 | 1-216-797-11 | METAL CHIP | 10 | 5% | 1/10W |
| R1335 | 1-216-797-11 | METAL CHIP | 10 | 5% | 1/10W |
| R1336 | 1-216-797-11 | METAL CHIP | 10 | 5% | 1/10W |
| R1337 | 1-216-797-11 | METAL CHIP | 10 | 5% | 1/10W (US, CND) |
| R1400 | 1-216-801-11 | METAL CHIP | 22 | 5% | 1/10W |
| R1401 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R1402 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R1403 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R1404 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R1405 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R1406 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R1407 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R1408 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R1411 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |

| Ref. No. | Part No. | Description | | | | Remark |
|---|---|---|---|---|---|---|
| R1412 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W | |
| R1413 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W | |
| R1415 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W | |
| R1416 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W | |
| R1417 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W | |
| R1418 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W | (US, CND) |
| R1421 | 1-216-833-11 | METAL CHIP | 1K | 5% | 1/10W | |
| R1422 | 1-216-833-11 | METAL CHIP | 1K | 5% | 1/10W | |
| R1423 | 1-216-833-11 | METAL CHIP | 1K | 5% | 1/10W | |
| R1424 | 1-216-833-11 | METAL CHIP | 1K | 5% | 1/10W | |
| R1426 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W | |
| R1427 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W | |
| R1428 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W | |
| R1429 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W | |
| R1431 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W | |
| R1432 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W | |
| R1433 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W | |
| R1434 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W | |
| R1436 | 1-216-833-11 | METAL CHIP | 1K | 5% | 1/10W | |
| R1437 | 1-216-833-11 | METAL CHIP | 1K | 5% | 1/10W | |
| R1438 | 1-216-833-11 | METAL CHIP | 1K | 5% | 1/10W | |
| R1439 | 1-216-833-11 | METAL CHIP | 1K | 5% | 1/10W | |
| R1440 | 1-216-864-11 | SHORT CHIP | 0 | | | |
| R1441 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W | |
| R1442 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W | |
| R1443 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W | |
| R1444 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W | |
| R1445 | 1-216-864-11 | SHORT CHIP | 0 (EXCEPT US, CND) | | | |
| R1451 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W | |
| R1452 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W | |
| R1453 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W | |
| R1454 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W | |
| R1456 | 1-216-833-11 | METAL CHIP | 1K | 5% | 1/10W | |
| R1457 | 1-216-833-11 | METAL CHIP | 1K | 5% | 1/10W | |
| R1458 | 1-216-833-11 | METAL CHIP | 1K | 5% | 1/10W | |
| R1459 | 1-216-833-11 | METAL CHIP | 1K | 5% | 1/10W | |
| R1461 | 1-216-813-11 | METAL CHIP | 220 | 5% | 1/10W | |
| R1462 | 1-216-813-11 | METAL CHIP | 220 | 5% | 1/10W | |
| R1463 | 1-216-813-11 | METAL CHIP | 220 | 5% | 1/10W | |
| R1464 | 1-216-813-11 | METAL CHIP | 220 | 5% | 1/10W | |
| R1471 | 1-216-182-00 | RES-CHIP | 220 | 2% | 1/8W | (EXCEPT AEP) |
| R1471 | 1-259-987-11 | CARBON MELF | 220 | 2% | 1/8W | (AEP) |
| R1472 | 1-208-854-11 | METAL CHIP | 1M | 0.5% | 1/10W | (EXCEPT AEP) |
| R1472 | 1-260-032-11 | CARBON MELF | 1M | 2% | 1/8W | (AEP) |
| R1476 | 1-216-833-11 | METAL CHIP | 1K | 5% | 1/10W | |
| R1477 | 1-216-833-11 | METAL CHIP | 1K | 5% | 1/10W | |
| R1478 | 1-216-833-11 | METAL CHIP | 1K | 5% | 1/10W | |
| R1479 | 1-216-833-11 | METAL CHIP | 1K | 5% | 1/10W | |
| R1480 | 1-216-827-11 | METAL CHIP | 3.3K | 5% | 1/10W | |
| R1481 | 1-216-833-11 | METAL CHIP | 1K | 5% | 1/10W | |
| R1482 | 1-216-833-11 | METAL CHIP | 1K | 5% | 1/10W | |
| R1483 | 1-216-833-11 | METAL CHIP | 1K | 5% | 1/10W | |
| R1484 | 1-216-833-11 | METAL CHIP | 1K | 5% | 1/10W | |
| R1485 | 1-216-837-11 | METAL CHIP | 22K | 5% | 1/10W | |

| Ref. No. | Part No. | Description | | | | Remark |
|---|---|---|---|---|---|---|
| R1486 | 1-216-837-11 | METAL CHIP | 22K | 5% | 1/10W | |
| R1487 | 1-216-837-11 | METAL CHIP | 22K | 5% | 1/10W | |
| R1488 | 1-216-837-11 | METAL CHIP | 22K | 5% | 1/10W | |
| R1490 | 1-216-829-11 | METAL CHIP | 4.7K | 5% | 1/10W | |
| R1491 | 1-216-823-11 | METAL CHIP | 1.5K | 5% | 1/10W | |
| R1492 | 1-216-823-11 | METAL CHIP | 1.5K | 5% | 1/10W | |
| R1493 | 1-216-839-11 | METAL CHIP | 33K | 5% | 1/10W | |
| R1494 | 1-216-839-11 | METAL CHIP | 33K | 5% | 1/10W | |
| R1495 | 1-216-825-11 | METAL CHIP | 2.2K | 5% | 1/10W | |
| R1496 | 1-216-825-11 | METAL CHIP | 2.2K | 5% | 1/10W | |
| R1497 | 1-216-166-00 | RES-CHIP | 47 | 5% | 1/8W | |
| R1498 | 1-216-166-00 | RES-CHIP | 47 | 5% | 1/8W | |
| ⚠R1499 | 1-249-393-11 | CARBON | 10 | 5% | 1/4W | F |
| R1500 | 1-216-825-11 | METAL CHIP | 2.2K | 5% | 1/10W | |
| R1501 | 1-216-833-11 | METAL CHIP | 1K | 5% | 1/10W | |
| R1511 | 1-216-815-11 | METAL CHIP | 330 | 5% | 1/10W | |
| R1512 | 1-216-815-11 | METAL CHIP | 330 | 5% | 1/10W | |
| R1513 | 1-216-815-11 | METAL CHIP | 330 | 5% | 1/10W | |
| R1514 | 1-216-815-11 | METAL CHIP | 330 | 5% | 1/10W | |
| R1515 | 1-216-815-11 | METAL CHIP | 330 | 5% | 1/10W | |
| R1516 | 1-216-815-11 | METAL CHIP | 330 | 5% | 1/10W | |
| R1517 | 1-216-815-11 | METAL CHIP | 330 | 5% | 1/10W | (US, CND) |
| R1521 | 1-216-815-11 | METAL CHIP | 330 | 5% | 1/10W | |
| R1522 | 1-216-815-11 | METAL CHIP | 330 | 5% | 1/10W | |
| R1523 | 1-216-815-11 | METAL CHIP | 330 | 5% | 1/10W | |
| R1524 | 1-216-815-11 | METAL CHIP | 330 | 5% | 1/10W | |
| R1525 | 1-216-815-11 | METAL CHIP | 330 | 5% | 1/10W | |
| R1526 | 1-216-815-11 | METAL CHIP | 330 | 5% | 1/10W | |
| R1527 | 1-216-815-11 | METAL CHIP | 330 | 5% | 1/10W | (US, CND) |
| R1531 | 1-216-815-11 | METAL CHIP | 330 | 5% | 1/10W | |
| R1532 | 1-216-815-11 | METAL CHIP | 330 | 5% | 1/10W | |
| R1533 | 1-216-815-11 | METAL CHIP | 330 | 5% | 1/10W | |
| R1534 | 1-216-815-11 | METAL CHIP | 330 | 5% | 1/10W | |
| R1535 | 1-216-815-11 | METAL CHIP | 330 | 5% | 1/10W | |
| R1536 | 1-216-815-11 | METAL CHIP | 330 | 5% | 1/10W | |
| R1537 | 1-216-815-11 | METAL CHIP | 330 | 5% | 1/10W | (US, CND) |
| R1541 | 1-216-815-11 | METAL CHIP | 330 | 5% | 1/10W | |
| R1542 | 1-216-815-11 | METAL CHIP | 330 | 5% | 1/10W | |
| R1543 | 1-216-815-11 | METAL CHIP | 330 | 5% | 1/10W | |
| R1544 | 1-216-815-11 | METAL CHIP | 330 | 5% | 1/10W | |
| R1545 | 1-216-815-11 | METAL CHIP | 330 | 5% | 1/10W | |
| R1546 | 1-216-815-11 | METAL CHIP | 330 | 5% | 1/10W | |
| R1547 | 1-216-815-11 | METAL CHIP | 330 | 5% | 1/10W | (US, CND) |
| R1551 | 1-216-805-11 | METAL CHIP | 47 | 5% | 1/10W | |
| R1552 | 1-216-805-11 | METAL CHIP | 47 | 5% | 1/10W | |
| R1553 | 1-216-805-11 | METAL CHIP | 47 | 5% | 1/10W | |
| R1554 | 1-216-805-11 | METAL CHIP | 47 | 5% | 1/10W | |
| R1555 | 1-216-805-11 | METAL CHIP | 47 | 5% | 1/10W | |
| R1556 | 1-216-805-11 | METAL CHIP | 47 | 5% | 1/10W | |
| R1557 | 1-216-805-11 | METAL CHIP | 47 | 5% | 1/10W | (US, CND) |
| R1561 | 1-216-805-11 | METAL CHIP | 47 | 5% | 1/10W | |
| R1562 | 1-216-805-11 | METAL CHIP | 47 | 5% | 1/10W | |
| R1563 | 1-216-805-11 | METAL CHIP | 47 | 5% | 1/10W | |

| The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified. | Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié. |
|---|---|

## D-AMP

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| R1564 | 1-216-805-11 | METAL CHIP | 47 | 5% | 1/10W |
| R1565 | 1-216-805-11 | METAL CHIP | 47 | 5% | 1/10W |
| R1566 | 1-216-805-11 | METAL CHIP | 47 | 5% | 1/10W |
| R1567 | 1-216-805-11 | METAL CHIP | 47 | 5% | 1/10W (US, CND) |
| R1571 | 1-216-805-11 | METAL CHIP | 47 | 5% | 1/10W |
| R1572 | 1-216-805-11 | METAL CHIP | 47 | 5% | 1/10W |
| R1573 | 1-216-805-11 | METAL CHIP | 47 | 5% | 1/10W |
| R1574 | 1-216-805-11 | METAL CHIP | 47 | 5% | 1/10W |
| R1575 | 1-216-805-11 | METAL CHIP | 47 | 5% | 1/10W |
| R1576 | 1-216-805-11 | METAL CHIP | 47 | 5% | 1/10W |
| R1577 | 1-216-805-11 | METAL CHIP | 47 | 5% | 1/10W (US, CND) |
| R1581 | 1-216-805-11 | METAL CHIP | 47 | 5% | 1/10W |
| R1582 | 1-216-805-11 | METAL CHIP | 47 | 5% | 1/10W |
| R1583 | 1-216-805-11 | METAL CHIP | 47 | 5% | 1/10W |
| R1584 | 1-216-805-11 | METAL CHIP | 47 | 5% | 1/10W |
| R1585 | 1-216-805-11 | METAL CHIP | 47 | 5% | 1/10W |
| R1586 | 1-216-805-11 | METAL CHIP | 47 | 5% | 1/10W |
| R1587 | 1-216-805-11 | METAL CHIP | 47 | 5% | 1/10W (US, CND) |
| R1610 | 1-216-816-11 | METAL CHIP | 390 | 5% | 1/10W |
| R1620 | 1-216-816-11 | METAL CHIP | 390 | 5% | 1/10W |
| R1630 | 1-216-816-11 | METAL CHIP | 390 | 5% | 1/10W |
| R1631 | 1-219-796-11 | RES-CHIP | 0.025 | 1% | 1W |
| R1632 | 1-219-796-11 | RES-CHIP | 0.025 | 1% | 1W |
| R1633 | 1-219-796-11 | RES-CHIP | 0.025 | 1% | 1W |
| R1634 | 1-219-796-11 | RES-CHIP | 0.025 | 1% | 1W |
| R1635 | 1-219-796-11 | RES-CHIP | 0.025 | 1% | 1W |
| R1636 | 1-219-796-11 | RES-CHIP | 0.025 | 1% | 1W |
| R1637 | 1-219-796-11 | RES-CHIP | 0.025 | 1% | 1W |
| R1640 | 1-216-816-11 | METAL CHIP | 390 | 5% | 1/10W |
| R1641 | 1-219-796-11 | RES-CHIP | 0.025 | 1% | 1W |
| R1642 | 1-219-796-11 | RES-CHIP | 0.025 | 1% | 1W |
| R1643 | 1-219-796-11 | RES-CHIP | 0.025 | 1% | 1W |
| R1644 | 1-219-796-11 | RES-CHIP | 0.025 | 1% | 1W |
| R1645 | 1-219-796-11 | RES-CHIP | 0.025 | 1% | 1W |
| R1646 | 1-219-796-11 | RES-CHIP | 0.025 | 1% | 1W |
| R1647 | 1-219-796-11 | RES-CHIP | 0.025 | 1% | 1W |
| R1650 | 1-216-816-11 | METAL CHIP | 390 | 5% | 1/10W |
| R1651 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R1652 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R1653 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R1654 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R1655 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R1656 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R1657 | 1-216-864-11 | SHORT CHIP | 0 (US, CND) | | |
| R1660 | 1-216-816-11 | METAL CHIP | 390 | 5% | 1/10W (US, CND) |
| R1661 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R1662 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R1663 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R1664 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R1665 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R1666 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R1667 | 1-216-864-11 | SHORT CHIP | 0 (US, CND) | | |
| R1671 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R1672 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R1673 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R1674 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R1675 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R1676 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R1677 | 1-216-864-11 | SHORT CHIP | 0 (US, CND) | | |
| R1680 | 1-216-821-11 | METAL CHIP | 1K | 5% | 1/10W |
| R1681 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R1682 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R1683 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R1684 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R1685 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R1686 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R1687 | 1-216-864-11 | SHORT CHIP | 0 (US, CND) | | |
| R1688 | 1-216-833-11 | METAL CHIP | 1K | 5% | 1/10W |
| ⚠R1689 | 1-249-393-11 | CARBON | 10 | 5% | 1/4W F |
| R1690 | 1-216-821-11 | METAL CHIP | 1K | 5% | 1/10W |
| R1698 | 1-216-833-11 | METAL CHIP | 1K | 5% | 1/10W |
| ⚠R1699 | 1-249-393-11 | CARBON | 10 | 5% | 1/4W F |
| R1701 | 1-216-833-11 | METAL CHIP | 1K | 5% | 1/10W |
| R1702 | 1-216-833-11 | METAL CHIP | 1K | 5% | 1/10W |
| R1703 | 1-216-833-11 | METAL CHIP | 1K | 5% | 1/10W |
| R1704 | 1-216-833-11 | METAL CHIP | 1K | 5% | 1/10W |
| R1705 | 1-216-833-11 | METAL CHIP | 1K | 5% | 1/10W |
| R1706 | 1-216-833-11 | METAL CHIP | 1K | 5% | 1/10W |
| R1707 | 1-216-833-11 | METAL CHIP | 1K | 5% | 1/10W (US, CND) |
| R1711 | 1-216-815-11 | METAL CHIP | 330 | 5% | 1/10W |
| R1712 | 1-216-815-11 | METAL CHIP | 330 | 5% | 1/10W |
| R1713 | 1-216-815-11 | METAL CHIP | 330 | 5% | 1/10W |
| R1714 | 1-216-815-11 | METAL CHIP | 330 | 5% | 1/10W |
| R1715 | 1-216-815-11 | METAL CHIP | 330 | 5% | 1/10W |
| R1716 | 1-216-815-11 | METAL CHIP | 330 | 5% | 1/10W |
| R1717 | 1-216-815-11 | METAL CHIP | 330 | 5% | 1/10W (US, CND) |
| R1731 | 1-216-849-11 | METAL CHIP | 220K | 5% | 1/10W |
| R1732 | 1-216-849-11 | METAL CHIP | 220K | 5% | 1/10W |
| R1733 | 1-216-849-11 | METAL CHIP | 220K | 5% | 1/10W |
| R1734 | 1-216-849-11 | METAL CHIP | 220K | 5% | 1/10W |
| R1735 | 1-216-849-11 | METAL CHIP | 220K | 5% | 1/10W |
| R1736 | 1-216-849-11 | METAL CHIP | 220K | 5% | 1/10W |
| R1737 | 1-216-849-11 | METAL CHIP | 220K | 5% | 1/10W (US, CND) |
| R1741 | 1-216-849-11 | METAL CHIP | 220K | 5% | 1/10W |
| R1742 | 1-216-849-11 | METAL CHIP | 220K | 5% | 1/10W |
| R1743 | 1-216-849-11 | METAL CHIP | 220K | 5% | 1/10W |
| R1744 | 1-216-849-11 | METAL CHIP | 220K | 5% | 1/10W |
| R1745 | 1-216-849-11 | METAL CHIP | 220K | 5% | 1/10W |
| R1746 | 1-216-849-11 | METAL CHIP | 220K | 5% | 1/10W |
| R1747 | 1-216-849-11 | METAL CHIP | 220K | 5% | 1/10W (US, CND) |
| R1751 | 1-216-844-11 | METAL CHIP | 82K | 5% | 1/10W |
| R1752 | 1-216-844-11 | METAL CHIP | 82K | 5% | 1/10W |
| R1753 | 1-216-844-11 | METAL CHIP | 82K | 5% | 1/10W |
| R1754 | 1-216-844-11 | METAL CHIP | 82K | 5% | 1/10W |
| R1755 | 1-216-844-11 | METAL CHIP | 82K | 5% | 1/10W |
| R1756 | 1-216-844-11 | METAL CHIP | 82K | 5% | 1/10W |
| R1757 | 1-216-844-11 | METAL CHIP | 82K | 5% | 1/10W (US, CND) |
| R1761 | 1-216-829-11 | METAL CHIP | 4.7K | 5% | 1/10W |

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

Les composants identifiés par une marque ⚠ sont critiques pour la sécurité.
Ne les remplacer que par une pièce portant le numéro spécifié.

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| R1762 | 1-216-829-11 | METAL CHIP | 4.7K | 5% | 1/10W |
| R1763 | 1-216-829-11 | METAL CHIP | 4.7K | 5% | 1/10W |
| R1764 | 1-216-829-11 | METAL CHIP | 4.7K | 5% | 1/10W |
| R1765 | 1-216-829-11 | METAL CHIP | 4.7K | 5% | 1/10W |
| R1766 | 1-216-829-11 | METAL CHIP | 4.7K | 5% | 1/10W |
| | | | | | (US, CND) |
| R1771 | 1-216-835-11 | METAL CHIP | 15K | 5% | 1/10W |
| R1772 | 1-216-835-11 | METAL CHIP | 15K | 5% | 1/10W |
| R1773 | 1-216-835-11 | METAL CHIP | 15K | 5% | 1/10W |
| R1774 | 1-216-835-11 | METAL CHIP | 15K | 5% | 1/10W |
| R1775 | 1-216-835-11 | METAL CHIP | 15K | 5% | 1/10W |
| R1776 | 1-216-835-11 | METAL CHIP | 15K | 5% | 1/10W |
| | | | | | (US, CND) |
| R1781 | 1-216-803-11 | METAL CHIP | 33 | 5% | 1/10W |
| R1782 | 1-216-803-11 | METAL CHIP | 33 | 5% | 1/10W |
| R1783 | 1-216-803-11 | METAL CHIP | 33 | 5% | 1/10W |
| R1784 | 1-216-803-11 | METAL CHIP | 33 | 5% | 1/10W |
| R1785 | 1-216-803-11 | METAL CHIP | 33 | 5% | 1/10W |
| R1786 | 1-216-803-11 | METAL CHIP | 33 | 5% | 1/10W |
| | | | | | (US, CND) |
| R1791 | 1-216-828-11 | METAL CHIP | 3.9K | 5% | 1/10W |
| R1792 | 1-216-828-11 | METAL CHIP | 3.9K | 5% | 1/10W |
| R1793 | 1-216-828-11 | METAL CHIP | 3.9K | 5% | 1/10W |
| R1794 | 1-216-828-11 | METAL CHIP | 3.9K | 5% | 1/10W |
| R1795 | 1-216-828-11 | METAL CHIP | 3.9K | 5% | 1/10W |
| R1796 | 1-216-828-11 | METAL CHIP | 3.9K | 5% | 1/10W |
| | | | | | (US, CND) |
| R1800 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R1801 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R1802 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R1803 | 1-216-833-11 | METAL CHIP | 1K | 5% | 1/10W |
| R1804 | 1-216-833-11 | METAL CHIP | 1K | 5% | 1/10W |
| R1805 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R1806 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R1807 | 1-216-833-11 | METAL CHIP | 1K | 5% | 1/10W |
| R1808 | 1-216-833-11 | METAL CHIP | 1K | 5% | 1/10W |
| R1809 | 1-216-833-11 | METAL CHIP | 1K | 5% | 1/10W |
| R1810 | 1-216-833-11 | METAL CHIP | 1K | 5% | 1/10W |
| R1811 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R1812 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R1813 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R1814 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R1815 | 1-216-833-11 | METAL CHIP | 1K | 5% | 1/10W |
| R1816 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R1817 | 1-216-833-11 | METAL CHIP | 1K | 5% | 1/10W |
| R1818 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R1819 | 1-216-833-11 | METAL CHIP | 1K | 5% | 1/10W |
| R1822 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R1823 | 1-216-833-11 | METAL CHIP | 1K | 5% | 1/10W |
| R1824 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R1825 | 1-216-833-11 | METAL CHIP | 1K | 5% | 1/10W |
| R1826 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R1827 | 1-216-833-11 | METAL CHIP | 1K | 5% | 1/10W |
| R1828 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R1829 | 1-216-833-11 | METAL CHIP | 1K | 5% | 1/10W |
| R1830 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R1831 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R1833 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R1835 | 1-216-833-11 | METAL CHIP | 1K | 5% | 1/10W |
| R1836 | 1-216-833-11 | METAL CHIP | 1K | 5% | 1/10W |
| R1839 | 1-216-833-11 | METAL CHIP | 1K | 5% | 1/10W |
| R1842 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R1847 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R1848 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R1849 | 1-216-821-11 | METAL CHIP | 1K | 5% | 1/10W |
| R1850 | 1-216-833-11 | METAL CHIP | 1K | 5% | 1/10W |
| ⚠R1889 | 1-215-921-11 | METAL OXIDE | 4.7K | 5% | 3W F |
| R1890 | 1-216-833-11 | METAL CHIP | 1K | 5% | 1/10W |
| R1891 | 1-216-833-11 | METAL CHIP | 1K | 5% | 1/10W |
| R1892 | 1-216-857-11 | METAL CHIP | 1M | 5% | 1/10W |
| R1893 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R1894 | 1-216-833-11 | METAL CHIP | 1K | 5% | 1/10W |
| R1895 | 1-216-857-11 | METAL CHIP | 1M | 5% | 1/10W |
| R1896 | 1-216-821-11 | METAL CHIP | 1K | 5% | 1/10W |
| R1897 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R1899 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R1901 | 1-216-845-11 | METAL CHIP | 100K | 5% | 1/10W |
| R1902 | 1-216-845-11 | METAL CHIP | 100K | 5% | 1/10W |
| R1903 | 1-216-845-11 | METAL CHIP | 100K | 5% | 1/10W |
| R1904 | 1-216-845-11 | METAL CHIP | 100K | 5% | 1/10W |
| R1905 | 1-216-845-11 | METAL CHIP | 100K | 5% | 1/10W |
| R1906 | 1-216-845-11 | METAL CHIP | 100K | 5% | 1/10W |
| R1907 | 1-216-845-11 | METAL CHIP | 100K | 5% | 1/10W |
| R1908 | 1-216-845-11 | METAL CHIP | 100K | 5% | 1/10W |
| R1911 | 1-216-845-11 | METAL CHIP | 100K | 5% | 1/10W |
| R1912 | 1-216-845-11 | METAL CHIP | 100K | 5% | 1/10W |
| R1913 | 1-216-845-11 | METAL CHIP | 100K | 5% | 1/10W |
| R1915 | 1-216-845-11 | METAL CHIP | 100K | 5% | 1/10W |
| R1916 | 1-216-845-11 | METAL CHIP | 100K | 5% | 1/10W |
| R1917 | 1-216-845-11 | METAL CHIP | 100K | 5% | 1/10W |
| R1918 | 1-216-845-11 | METAL CHIP | 100K | 5% | 1/10W |
| | | | | | (US, CND) |
| R1921 | 1-216-833-11 | METAL CHIP | 1K | 5% | 1/10W |
| R1922 | 1-216-833-11 | METAL CHIP | 1K | 5% | 1/10W |
| R1923 | 1-216-833-11 | METAL CHIP | 1K | 5% | 1/10W |
| R1924 | 1-216-833-11 | METAL CHIP | 1K | 5% | 1/10W |
| R1925 | 1-216-833-11 | METAL CHIP | 1K | 5% | 1/10W |
| R1926 | 1-216-833-11 | METAL CHIP | 1K | 5% | 1/10W |
| R1927 | 1-216-833-11 | METAL CHIP | 1K | 5% | 1/10W |
| R1928 | 1-216-833-11 | METAL CHIP | 1K | 5% | 1/10W |
| R1931 | 1-216-833-11 | METAL CHIP | 1K | 5% | 1/10W |
| R1932 | 1-216-833-11 | METAL CHIP | 1K | 5% | 1/10W |
| R1933 | 1-216-833-11 | METAL CHIP | 1K | 5% | 1/10W |
| R1935 | 1-216-833-11 | METAL CHIP | 1K | 5% | 1/10W |
| R1936 | 1-216-833-11 | METAL CHIP | 1K | 5% | 1/10W |
| R1937 | 1-216-833-11 | METAL CHIP | 1K | 5% | 1/10W |
| R1938 | 1-216-833-11 | METAL CHIP | 1K | 5% | 1/10W |
| | | | | | (US, CND) |
| R1941 | 1-216-845-11 | METAL CHIP | 100K | 5% | 1/10W |
| R1942 | 1-216-845-11 | METAL CHIP | 100K | 5% | 1/10W |
| R1943 | 1-216-805-11 | METAL CHIP | 47 | 5% | 1/10W |
| R1944 | 1-216-845-11 | METAL CHIP | 100K | 5% | 1/10W |
| R1945 | 1-216-845-11 | METAL CHIP | 100K | 5% | 1/10W |
| R1946 | 1-216-845-11 | METAL CHIP | 100K | 5% | 1/10W |
| R1947 | 1-216-845-11 | METAL CHIP | 100K | 5% | 1/10W |
| R1952 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |

| | |
|---|---|
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**D-AMP** **DIGITAL**

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| R1953 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R1954 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R1955 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R1956 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R1957 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R1970 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R1971 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R1972 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R1980 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R1981 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R1982 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R1983 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R1984 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R1985 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R1986 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R1987 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R1988 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R1989 | 1-216-864-11 | SHORT CHIP | 0 | | |
| R1991 | 1-216-833-11 | METAL CHIP | 1K | 5% | 1/10W |
| R1992 | 1-216-833-11 | METAL CHIP | 1K | 5% | 1/10W |
| R1993 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R1994 | 1-216-833-11 | METAL CHIP | 1K | 5% | 1/10W |
| R1995 | 1-216-833-11 | METAL CHIP | 1K | 5% | 1/10W |
| R1996 | 1-216-833-11 | METAL CHIP | 1K | 5% | 1/10W |
| R1997 | 1-216-833-11 | METAL CHIP | 1K | 5% | 1/10W |
| R2852 | 1-216-825-11 | METAL CHIP | 2.2K | 5% | 1/10W (EXCEPT US, CND) |
| R2853 | 1-216-833-11 | METAL CHIP | 1K | 5% | 1/10W (EXCEPT US, CND) |
| ⚠R2854 | 1-249-393-11 | CARBON | 10 | 5% | 1/4W F (EXCEPT US, CND) |
| R2868 | 1-216-013-00 | RES-CHIP | 33 | 5% | 1/10W (EXCEPT US, CND) |
| R2887 | 1-208-782-11 | METAL CHIP | 1K | 0.5% | 1/10W (TW, KR) |
| R2887 | 1-259-995-11 | CARBON MELF | 1K | 2% | 1/8W (AEP) |
| R2888 | 1-216-013-00 | RES-CHIP | 33 | 5% | 1/10W (EXCEPT US, CND) |
| R2889 | 1-216-246-00 | RES-CHIP | 100K | 2% | 1/8W (TW, KR) |
| R2889 | 1-260-020-11 | CARBON MELF | 100K | 2% | 1/8W (AEP) |
| R2890 | 1-216-246-00 | RES-CHIP | 100K | 2% | 1/8W (TW, KR) |
| R2890 | 1-260-020-11 | CARBON MELF | 100K | 2% | 1/8W (AEP) |
| R2891 | 1-216-214-00 | RES-CHIP | 4.7K | 2% | 1/8W (TW, KR) |
| R2891 | 1-260-004-11 | CARBON MELF | 4.7K | 2% | 1/8W (AEP) |
| R2892 | 1-216-174-00 | RES-CHIP | 100 | 2% | 1/8W (TW, KR) |
| R2892 | 1-259-983-11 | CARBON MELF | 100 | 2% | 1/8W (AEP) |
| R2893 | 1-208-782-11 | METAL CHIP | 1K | 0.5% | 1/10W (TW, KR) |
| R2893 | 1-259-995-11 | CARBON MELF | 1K | 2% | 1/8W (AEP) |

| Ref. No. | Part No. | Description | Remark |
|---|---|---|---|
| | | < RELAY > | |
| RY1480 | 1-755-486-11 | RELAY | |
| RY1680 | 1-755-500-11 | RELAY | |
| RY1690 | 1-755-500-11 | RELAY | |
| RY2851 | 1-755-486-11 | RELAY (EXCEPT US, CND) | |
| | | < THERMISTOR > | |
| TH1791 | 1-810-641-21 | CHIP, THERMISTOR | |
| TH1792 | 1-810-641-21 | CHIP, THERMISTOR | |
| TH1793 | 1-810-641-21 | CHIP, THERMISTOR | |
| TH1794 | 1-810-641-21 | CHIP, THERMISTOR | |
| TH1795 | 1-810-641-21 | CHIP, THERMISTOR | |
| TH1796 | 1-810-641-21 | CHIP, THERMISTOR (US, CND) | |
| | | < TERMINAL > | |
| TM1710 | 1-780-024-11 | TERMINAL BOARD (SP) (8P) (FRONT SPEAKERS IMPEDANCE USE 4-16O) (US, CND) | |
| TM1710 | 1-780-024-21 | TERMINAL BOARD (SP) (8P) (FRONT SPEAKERS IMPEDANCE USE 4-16O) (EXCEPT US, CND) | |
| TM1730 | 1-694-992-11 | TERMINAL BOARD (SP) (2P) (CENTER SPEAKERS IMPEDANCE USE 4-16O) (US, CND) | |
| TM1730 | 1-780-025-21 | TERMINAL BOARD (SP) (2P) (CENTER SPEAKERS IMPEDANCE USE 4-16O) (EXCEPT US, CND) | |
| TM1740 | 1-694-992-11 | TERMINAL BOARD (SP) (2P) (SURROUND SPEAKERS IMPEDANCE USE 4-16O) (US, CND) | |
| TM1740 | 1-780-025-21 | TERMINAL BOARD (SP) (2P) (SURROUND SPEAKERS IMPEDANCE USE 4-16O) (EXCEPT US, CND) | |
| TM1750 | 1-694-992-11 | TERMINAL BOARD (SP) (2P) (SURROUND SPEAKERS IMPEDANCE USE 4-16O) (US, CND) | |
| TM1750 | 1-780-025-21 | TERMINAL BOARD (SP) (2P) (SURROUND SPEAKERS IMPEDANCE USE 4-16O) (EXCEPT US, CND) | |
| TM1760 | 1-694-992-11 | TERMINAL BOARD (SP) (2P) (SURROUND BACK SPEAKERS IMPEDANCE USE 4-16O) (US, CND) | |
| TM1760 | 1-780-025-21 | TERMINAL BOARD (SP) (2P) (SURROUND BACK SPEAKERS IMPEDANCE USE 4-16O) (EXCEPT US, CND) | |
| TM1770 | 1-694-992-11 | TERMINAL BOARD (SP) (2P) (SURROUND BACK SPEAKERS IMPEDANCE USE 4-16O) (US, CND) | |
| | | < VIBRATOR > | |
| X1471 | 1-795-660-21 | QUARTZ CRYSTAL UNIT (49.125MHz) | |
| X1800 | 1-579-952-21 | VIBRATOR, CERAMIC (8MHz) | |

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| Ref. No. | Part No. | Description | | Remark |
|---|---|---|---|---|
| | A-4734-135-A | DIGITAL BOARD, COMPLETE (US, CND) | | |
| | A-4734-149-A | DIGITAL BOARD, COMPLETE (TW, KR) | | |
| | A-4734-166-A | DIGITAL BOARD, COMPLETE (AEP) | | |
| | | ********************** | | |
| | | < CAPACITOR > | | |
| C2000 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | 50V |

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|---|---|

**DIGITAL**

| Ref. No. | Part No. | Description | | | | Remark |
|---|---|---|---|---|---|---|
| C2001 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V | |
| C2002 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V | |
| C2003 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V | |
| C2004 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V | |
| C2005 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V | |
| C2006 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V | |
| C2011 | 1-119-799-11 | ELECT | 47uF | 20% | 25V | (AEP) |
| C2011 | 1-128-840-11 | ELECT | 47uF | 20% | 16V | (US, CND) |
| C2011 | 1-135-708-91 | ELECT | 47uF | | 16V | (TW, KR) |
| C2012 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V | |
| C2013 | 1-119-836-31 | ELECT | 47uF | 20% | 63V | (AEP) |
| C2013 | 1-128-871-91 | ELECT | 47uF | 20% | 63V | (US, CND) |
| C2013 | 1-135-770-91 | ELECT | 47uF | | 63V | (TW, KR) |
| C2014 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V | |
| C2015 | 1-119-836-31 | ELECT | 47uF | 20% | 63V | (AEP) |
| C2015 | 1-128-871-91 | ELECT | 47uF | 20% | 63V | (US, CND) |
| C2015 | 1-135-770-91 | ELECT | 47uF | | 63V | (TW, KR) |
| C2016 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V | |
| C2017 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V | |
| C2018 | 1-125-890-11 | ELECT | 1000uF | 20% | 6.3V | (AEP) |
| C2018 | 1-135-656-91 | ELECT | 1000uF | | 6.3V | (TW, KR) |
| C2018 | 1-137-658-91 | ELECT | 1000uF | 20% | 6.3V | (US, CND) |
| C2020 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V | |
| C2022 | 1-163-243-11 | CERAMIC CHIP | 47PF | 5% | 50V | |
| C2024 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V | |
| C2026 | 1-119-824-31 | ELECT | 10uF | 20% | 50V | (AEP) |
| C2026 | 1-119-824-11 | ELECT | 10uF | 20% | 50V | (US, CND) |
| C2026 | 1-135-743-11 | ELECT | 10uF | | 50V | (TW, KR) |
| C2027 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V | |
| C2028 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V | |
| C2029 | 1-119-824-31 | ELECT | 10uF | 20% | 50V | (AEP) |
| C2029 | 1-119-824-11 | ELECT | 10uF | 20% | 50V | (US, CND) |
| C2029 | 1-135-743-11 | ELECT | 10uF | | 50V | (TW, KR) |
| C2030 | 1-119-824-31 | ELECT | 10uF | 20% | 50V | (AEP) |
| C2030 | 1-119-824-11 | ELECT | 10uF | 20% | 50V | (US, CND) |
| C2030 | 1-135-743-11 | ELECT | 10uF | | 50V | (TW, KR) |
| C2031 | 1-119-823-11 | ELECT | 4.7uF | 20% | 50V | (AEP) |
| C2031 | 1-119-823-11 | ELECT | 4.7uF | 20% | 50V | (US, CND) |
| C2031 | 1-135-742-91 | ELECT | 4.7uF | | 50V | (TW, KR) |
| C2032 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V | |
| C2033 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V | |
| C2034 | 1-119-824-31 | ELECT | 10uF | 20% | 50V | (AEP) |
| C2034 | 1-119-824-11 | ELECT | 10uF | 20% | 50V | (US, CND) |
| C2034 | 1-135-743-11 | ELECT | 10uF | | 50V | (TW, KR) |
| C2035 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V | |
| C2036 | 1-119-824-31 | ELECT | 10uF | 20% | 50V | (AEP) |
| C2036 | 1-119-824-11 | ELECT | 10uF | 20% | 50V | (US, CND) |
| C2036 | 1-135-743-11 | ELECT | 10uF | | 50V | (TW, KR) |
| C2037 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V | |
| C2038 | 1-119-824-31 | ELECT | 10uF | 20% | 50V | (AEP) |
| C2038 | 1-119-824-11 | ELECT | 10uF | 20% | 50V | (US, CND) |
| C2038 | 1-135-743-11 | ELECT | 10uF | | 50V | (TW, KR) |
| C2039 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V | |
| C2040 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V | |
| C2041 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V | |
| C2042 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V | |
| C2043 | 1-119-824-31 | ELECT | 10uF | 20% | 50V | (AEP) |
| C2043 | 1-119-824-11 | ELECT | 10uF | 20% | 50V | (US, CND) |
| C2043 | 1-135-743-11 | ELECT | 10uF | | 50V | (TW, KR) |
| C2044 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V | |
| C2045 | 1-119-824-31 | ELECT | 10uF | 20% | 50V | (AEP) |
| C2045 | 1-119-824-11 | ELECT | 10uF | 20% | 50V | (US, CND) |
| C2045 | 1-135-743-11 | ELECT | 10uF | | 50V | (TW, KR) |
| C2046 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V | |
| C2047 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V | |
| C2048 | 1-119-824-31 | ELECT | 10uF | 20% | 50V | (AEP) |
| C2048 | 1-119-824-11 | ELECT | 10uF | 20% | 50V | (US, CND) |
| C2048 | 1-135-743-11 | ELECT | 10uF | | 50V | (TW, KR) |
| C2049 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V | |
| C2050 | 1-119-824-31 | ELECT | 10uF | 20% | 50V | (AEP) |
| C2050 | 1-119-824-11 | ELECT | 10uF | 20% | 50V | (US, CND) |
| C2050 | 1-135-743-11 | ELECT | 10uF | | 50V | (TW, KR) |
| C2051 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V | |
| C2052 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V | |
| C2053 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V | |
| C2054 | 1-119-824-31 | ELECT | 10uF | 20% | 50V | (AEP) |

## DIGITAL

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| C2054 | 1-119-824-11 | ELECT | 10uF | 20% | 50V (US, CND) |
| C2054 | 1-135-743-11 | ELECT | 10uF | | 50V (TW, KR) |
| C2055 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2056 | 1-119-824-31 | ELECT | 10uF | 20% | 50V (AEP) |
| C2056 | 1-119-824-11 | ELECT | 10uF | 20% | 50V (US, CND) |
| C2056 | 1-135-743-11 | ELECT | 10uF | | 50V (TW, KR) |
| C2057 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2058 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2059 | 1-119-824-31 | ELECT | 10uF | 20% | 50V (AEP) |
| C2059 | 1-119-824-11 | ELECT | 10uF | 20% | 50V (US, CND) |
| C2059 | 1-135-743-11 | ELECT | 10uF | | 50V (TW, KR) |
| C2060 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2061 | 1-119-824-31 | ELECT | 10uF | 20% | 50V (AEP) |
| C2061 | 1-119-824-11 | ELECT | 10uF | 20% | 50V (US, CND) |
| C2061 | 1-135-743-11 | ELECT | 10uF | | 50V (TW, KR) |
| C2062 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2063 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2064 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2065 | 1-119-824-31 | ELECT | 10uF | 20% | 50V (AEP) |
| C2065 | 1-119-824-11 | ELECT | 10uF | 20% | 50V (US, CND) |
| C2065 | 1-135-743-11 | ELECT | 10uF | | 50V (TW, KR) |
| C2066 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2067 | 1-119-824-31 | ELECT | 10uF | 20% | 50V (AEP) |
| C2067 | 1-119-824-11 | ELECT | 10uF | 20% | 50V (US, CND) |
| C2067 | 1-135-743-11 | ELECT | 10uF | | 50V (TW, KR) |
| C2068 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2069 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2070 | 1-119-824-31 | ELECT | 10uF | 20% | 50V (AEP) |
| C2070 | 1-119-824-11 | ELECT | 10uF | 20% | 50V (US, CND) |
| C2070 | 1-135-743-11 | ELECT | 10uF | | 50V (TW, KR) |
| C2071 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2072 | 1-119-824-31 | ELECT | 10uF | 20% | 50V (AEP) |
| C2072 | 1-119-824-11 | ELECT | 10uF | 20% | 50V (US, CND) |
| C2072 | 1-135-743-11 | ELECT | 10uF | | 50V (TW, KR) |
| C2073 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2074 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2075 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2076 | 1-119-824-31 | ELECT | 10uF | 20% | 50V (AEP) |

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| C2076 | 1-119-824-11 | ELECT | 10uF | 20% | 50V (US, CND) |
| C2076 | 1-135-743-11 | ELECT | 10uF | | 50V (TW, KR) |
| C2077 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2078 | 1-119-824-31 | ELECT | 10uF | 20% | 50V (AEP) |
| C2078 | 1-119-824-11 | ELECT | 10uF | 20% | 50V (US, CND) |
| C2078 | 1-135-743-11 | ELECT | 10uF | | 50V (TW, KR) |
| C2079 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2080 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2090 | 1-163-037-11 | CERAMIC CHIP | 0.022uF | 10% | 50V |
| C2091 | 1-163-037-11 | CERAMIC CHIP | 0.022uF | 10% | 50V |
| C2092 | 1-163-037-11 | CERAMIC CHIP | 0.022uF | 10% | 50V |
| C2093 | 1-163-037-11 | CERAMIC CHIP | 0.022uF | 10% | 50V |
| C2094 | 1-163-037-11 | CERAMIC CHIP | 0.022uF | 10% | 50V |
| C2095 | 1-163-037-11 | CERAMIC CHIP | 0.022uF | 10% | 50V |
| C2096 | 1-163-037-11 | CERAMIC CHIP | 0.022uF | 10% | 50V |
| C2097 | 1-163-037-11 | CERAMIC CHIP | 0.022uF | 10% | 50V |
| C2098 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2100 | 1-119-792-21 | ELECT | 470uF | 20% | 16V (AEP) |
| C2101 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V (AEP) |
| C2103 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V |
| C2104 | 1-119-792-21 | ELECT | 470uF | 20% | 16V (AEP) |
| C2104 | 1-127-720-91 | ELECT | 470uF | 20% | 16V (US, CND) |
| C2104 | 1-135-711-91 | ELECT | 470uF | | 16V (TW, KR) |
| C2121 | 1-163-005-91 | CERAMIC CHIP | 470PF | 10% | 50V |
| C2122 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2123 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V |
| C2124 | 1-119-779-11 | ELECT | 220uF | 20% | 10V (AEP) |
| C2124 | 1-128-832-11 | ELECT | 220uF | 20% | 10V (US, CND) |
| C2124 | 1-135-667-91 | ELECT | 220uF | | 10V (TW, KR) |
| C2126 | 1-125-838-11 | CERAMIC CHIP | 2.2uF | 10% | 6.3V |
| C2127 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2128 | 1-119-791-31 | ELECT | 330uF | 20% | 16V (AEP) |
| C2128 | 1-128-846-11 | ELECT | 330uF | 20% | 25V (US, CND) |
| C2128 | 1-135-724-91 | ELECT | 330uF | | 16V (TW, KR) |
| C2129 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2130 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2131 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2132 | 1-163-009-11 | CERAMIC CHIP | 0.001uF | 10% | 50V |
| C2133 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2134 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2135 | 1-163-021-11 | CERAMIC CHIP | 0.01uF | 10% | 50V |
| C2136 | 1-104-760-11 | CERAMIC CHIP | 0.047uF | 10% | 50V |
| C2137 | 1-119-799-11 | ELECT | 47uF | 20% | 25V (AEP) |

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| C2137 | 1-128-840-11 | ELECT | 47uF | 20% | 16V (US, CND) |
| C2137 | 1-135-708-91 | ELECT | 47uF | | 16V (TW, KR) |
| C2138 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2139 | 1-119-822-11 | ELECT | 3.3uF | 20% | 50V (AEP) |
| C2139 | 1-119-822-11 | ELECT | 3.3uF | 20% | 50V (US, CND) |
| C2139 | 1-135-741-91 | ELECT | 3.3uF | | 50V (TW, KR) |
| C2140 | 1-119-825-41 | ELECT | 22uF | 20% | 50V (AEP) |
| C2140 | 1-128-858-11 | ELECT | 22uF | 20% | 50V (US, CND) |
| C2140 | 1-135-744-91 | ELECT | 22uF | | 50V (TW, KR) |
| C2141 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2142 | 1-163-229-11 | CERAMIC CHIP | 12PF | 5% | 50V |
| C2143 | 1-163-227-11 | CERAMIC CHIP | 10PF | 0.5PF | 50V |
| C2145 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2201 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2202 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2203 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2204 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2205 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2206 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2207 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2208 | 1-163-237-11 | CERAMIC CHIP | 27PF | 5% | 50V |
| C2209 | 1-163-237-11 | CERAMIC CHIP | 27PF | 5% | 50V |
| C2210 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2211 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2212 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2213 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2215 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2216 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2219 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2220 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2221 | 1-119-780-11 | ELECT | 330uF | 20% | 10V (AEP) |
| C2221 | 1-128-833-91 | ELECT | 330uF | 20% | 10V (US, CND) |
| C2221 | 1-128-833-11 | ELECT | 330uF | 20% | 10V (TW, KR) |
| C2222 | 1-119-792-21 | ELECT | 470uF | 20% | 16V (AEP) |
| C2222 | 1-128-834-11 | ELECT | 470uF | 20% | 10V (US, CND) |
| C2222 | 1-135-669-11 | ELECT | 470uF | | 10V (TW, KR) |
| C2223 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2224 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2225 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2227 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2228 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2251 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2252 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2253 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2254 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2255 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2256 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2257 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2258 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2259 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2260 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2261 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2262 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2263 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2264 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2265 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2266 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2267 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2268 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2269 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2270 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2271 | 1-119-780-11 | ELECT | 330uF | 20% | 10V (AEP) |
| C2271 | 1-128-833-91 | ELECT | 330uF | 20% | 10V (US, CND) |
| C2271 | 1-128-833-11 | ELECT | 330uF | 20% | 10V (TW, KR) |
| C2272 | 1-119-792-21 | ELECT | 470uF | 20% | 16V (AEP) |
| C2272 | 1-128-834-11 | ELECT | 470uF | 20% | 10V (US, CND) |
| C2272 | 1-135-669-11 | ELECT | 470uF | | 10V (TW, KR) |
| C2274 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2307 | 1-119-800-11 | ELECT | 100uF | 20% | 25V (AEP) |
| C2307 | 1-127-718-91 | ELECT | 100uF | 20% | 16V (US, CND) |
| C2307 | 1-135-709-91 | ELECT | 100uF | | 16V (TW, KR) |
| C2310 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2401 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2402 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2403 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2404 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2405 | 1-119-800-11 | ELECT | 100uF | 20% | 25V (AEP) |
| C2405 | 1-127-718-91 | ELECT | 100uF | 20% | 16V (US, CND) |
| C2405 | 1-135-709-91 | ELECT | 100uF | | 16V (TW, KR) |
| C2406 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2426 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2427 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2428 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2429 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2430 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2431 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2433 | 1-119-800-11 | ELECT | 100uF | 20% | 25V (AEP) |
| C2433 | 1-127-718-91 | ELECT | 100uF | 20% | 16V (US, CND) |
| C2433 | 1-135-709-91 | ELECT | 100uF | | 16V (TW, KR) |
| C2434 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2435 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V |

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| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| C2461 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2462 | 1-119-824-31 | ELECT | 10uF | 20% | 50V (AEP) |
| C2462 | 1-119-824-11 | ELECT | 10uF | 20% | 50V (US, CND) |
| C2462 | 1-135-743-11 | ELECT | 10uF | | 50V (TW, KR) |
| C2463 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2464 | 1-125-838-11 | CERAMIC CHIP | 2.2uF | 10% | 6.3V |
| C2501 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2502 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2503 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2504 | 1-119-800-11 | ELECT | 100uF | 20% | 25V (AEP) |
| C2504 | 1-127-718-91 | ELECT | 100uF | 20% | 16V (US, CND) |
| C2504 | 1-135-709-91 | ELECT | 100uF | | 16V (TW, KR) |
| C2505 | 1-125-838-11 | CERAMIC CHIP | 2.2uF | 10% | 6.3V |
| C2506 | 1-163-021-11 | CERAMIC CHIP | 0.01uF | 10% | 50V |
| C2507 | 1-125-838-11 | CERAMIC CHIP | 2.2uF | 10% | 6.3V |
| C2508 | 1-125-838-11 | CERAMIC CHIP | 2.2uF | 10% | 6.3V |
| C2510 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2511 | 1-125-838-11 | CERAMIC CHIP | 2.2uF | 10% | 6.3V |
| C2529 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2602 | 1-163-125-00 | CERAMIC CHIP | 220PF | 5% | 50V |
| C2603 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2604 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2605 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2606 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2607 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2608 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2609 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2610 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2611 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2613 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2614 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2615 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2616 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2617 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2618 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2619 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2620 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2621 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2622 | 1-119-800-11 | ELECT | 100uF | 20% | 25V (AEP) |
| C2622 | 1-127-718-91 | ELECT | 100uF | 20% | 16V (US, CND) |
| C2622 | 1-135-709-91 | ELECT | 100uF | | 16V (TW, KR) |
| C2623 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2624 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2625 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2626 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2627 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2628 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2629 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2630 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2631 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2632 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2633 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2634 | 1-119-820-31 | ELECT | 1uF | 20% | 50V (AEP) |
| C2634 | 1-119-820-11 | ELECT | 1uF | 20% | 50V (US, CND) |
| C2634 | 1-135-739-91 | ELECT | 1uF | | 50V (TW, KR) |
| C2635 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2701 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2702 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2703 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V |
| C2704 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2705 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2706 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2707 | 1-163-021-11 | CERAMIC CHIP | 0.01uF | 10% | 50V |
| C2708 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2709 | 1-163-017-00 | CERAMIC CHIP | 0.0047uF | 10% | 50V |
| C2710 | 1-119-800-11 | ELECT | 100uF | 20% | 25V (AEP) |
| C2710 | 1-127-718-91 | ELECT | 100uF | 20% | 16V (US, CND) |
| C2710 | 1-135-709-91 | ELECT | 100uF | | 16V (TW, KR) |
| C2711 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2712 | 1-119-799-11 | ELECT | 47uF | 20% | 25V (AEP) |
| C2712 | 1-128-840-11 | ELECT | 47uF | 20% | 16V (US, CND) |
| C2712 | 1-135-708-91 | ELECT | 47uF | | 16V (TW, KR) |
| C2714 | 1-119-794-21 | ELECT | 2200uF | 20% | 16V (AEP) |
| C2714 | 1-127-722-51 | ELECT | 2200uF | 20% | 16V (US, CND) |
| C2714 | 1-135-836-11 | ELECT | 2200uF | | 16V (TW, KR) |
| C2715 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2716 | 1-119-794-21 | ELECT | 2200uF | 20% | 16V (AEP) |
| C2716 | 1-127-722-51 | ELECT | 2200uF | 20% | 16V (US, CND) |
| C2716 | 1-135-836-11 | ELECT | 2200uF | | 16V (TW, KR) |
| C2717 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2718 | 1-119-794-21 | ELECT | 2200uF | 20% | 16V (AEP) |
| C2718 | 1-127-722-51 | ELECT | 2200uF | 20% | 16V (US, CND) |
| C2718 | 1-135-836-11 | ELECT | 2200uF | | 16V (TW, KR) |
| C2719 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2720 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2722 | 1-119-800-11 | ELECT | 100uF | 20% | 25V (AEP) |
| C2722 | 1-127-718-91 | ELECT | 100uF | 20% | 16V (US, CND) |
| C2722 | 1-135-709-91 | ELECT | 100uF | | 16V (TW, KR) |
| C2723 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |

| Ref. No. | Part No. | Description | Remark |
|---|---|---|---|
| | | < CONNECTOR > | |
| CN2001 | 1-691-765-11 | PLUG (MICRO CONNECTOR) 3P | |
| CN2006 | 1-784-796-11 | CONNECTOR, FFC 35P | |
| CN2007 | 1-784-778-11 | CONNECTOR, FFC 17P | |
| CN2008 | 1-784-784-11 | CONNECTOR, FFC 23P | |
| CN2051 | 1-568-830-11 | CONNECTOR, FFC 11P (EXCEPT AEP) | |
| CN2051 | 1-784-776-11 | CONNECTOR, FFC 15P (AEP) | |
| CN2052 | 1-784-927-11 | PIN, CONNECTOR 12P | |
| CN2053 | 1-784-928-11 | PIN, CONNECTOR 13P | |
| CN2675 | 1-794-002-11 | CONNECTOR 13P | |
| CN2685 | 1-794-003-11 | CONNECTOR 15P | |
| CN2701 | 1-784-926-11 | PIN, CONNECTOR 11P | |
| CN2730 | 1-564-320-00 | PIN, CONNECTOR (3.96mm PITCH) 2P | |
| CN2801 | 1-784-926-11 | PIN, CONNECTOR 11P | |
| CN2802 | 1-564-320-00 | PIN, CONNECTOR (3.96mm PITCH) 2P | |
| | | < DIODE > | |
| D1101 | 8-719-988-61 | DIODE 1SS355TE-17 | |
| D2000 | 8-719-073-35 | DIODE RB551V-30TE-17 | |
| D2010 | 8-719-988-61 | DIODE 1SS355TE-17 | |
| D2122 | 8-719-988-61 | DIODE 1SS355TE-17 | |
| D2601 | 8-719-801-78 | DIODE 1SS184 | |
| D2602 | 8-719-988-61 | DIODE 1SS355TE-17 | |
| D2701 | 8-719-801-78 | DIODE 1SS184 | |
| D2702 | 8-719-801-78 | DIODE 1SS184 | |
| | | < FERRITE BEAD/SHORT > | |
| FB1101 | 1-469-152-11 | FERRITE, EMI (SMD) (2012) | |
| FB1103 | 1-469-152-11 | FERRITE, EMI (SMD) (2012) | |
| FB1104 | 1-469-152-11 | FERRITE, EMI (SMD) (2012) | |
| FB1105 | 1-469-152-11 | FERRITE, EMI (SMD) (2012) | |
| FB1106 | 1-216-295-00 | SHORT CHIP 0 | |
| FB1107 | 1-216-295-00 | SHORT CHIP 0 | |
| FB1108 | 1-216-295-00 | SHORT CHIP 0 | |
| FB1109 | 1-216-295-00 | SHORT CHIP 0 | |
| FB1270 | 1-469-152-11 | FERRITE, EMI (SMD) (2012) | |
| FB2000 | 1-469-152-11 | FERRITE, EMI (SMD) (2012) | |
| FB2001 | 1-469-152-11 | FERRITE, EMI (SMD) (2012) | |
| FB2002 | 1-469-152-11 | FERRITE, EMI (SMD) (2012) | |
| FB2003 | 1-469-152-11 | FERRITE, EMI (SMD) (2012) | |
| FB2004 | 1-469-152-11 | FERRITE, EMI (SMD) (2012) | |
| FB2005 | 1-469-152-11 | FERRITE, EMI (SMD) (2012) | |
| FB2006 | 1-469-152-11 | FERRITE, EMI (SMD) (2012) | |
| FB2007 | 1-216-295-00 | SHORT CHIP 0 | |
| FB2008 | 1-216-295-00 | SHORT CHIP 0 | |
| FB2050 | 1-469-152-11 | FERRITE, EMI (SMD) (2012) | |
| FB2051 | 1-469-152-11 | FERRITE, EMI (SMD) (2012) | |
| FB2153 | 1-469-144-21 | FERRITE, EMI (SMD) (2012) | |
| FB2154 | 1-469-144-21 | FERRITE, EMI (SMD) (2012) | |
| FB2155 | 1-216-295-00 | SHORT CHIP 0 | |
| FB2156 | 1-469-139-21 | FERRITE, EMI (SMD) (2012) | |
| FB2201 | 1-469-152-11 | FERRITE, EMI (SMD) (2012) | |
| FB2202 | 1-469-152-11 | FERRITE, EMI (SMD) (2012) | |
| FB2252 | 1-469-152-11 | FERRITE, EMI (SMD) (2012) | |
| FB2253 | 1-469-152-11 | FERRITE, EMI (SMD) (2012) | |
| FB2301 | 1-469-152-11 | FERRITE, EMI (SMD) (2012) | |
| FB2310 | 1-469-144-21 | FERRITE, EMI (SMD) (2012) | |

| Ref. No. | Part No. | Description | Remark |
|---|---|---|---|
| FB2401 | 1-469-152-11 | FERRITE, EMI (SMD) (2012) | |
| FB2426 | 1-469-152-11 | FERRITE, EMI (SMD) (2012) | |
| FB2461 | 1-469-152-11 | FERRITE, EMI (SMD) (2012) | |
| FB2501 | 1-469-152-11 | FERRITE, EMI (SMD) (2012) | |
| FB2502 | 1-469-152-11 | FERRITE, EMI (SMD) (2012) | |
| FB2601 | 1-469-152-11 | FERRITE, EMI (SMD) (2012) | |
| FB2674 | 1-469-152-11 | FERRITE, EMI (SMD) (2012) | |
| FB2675 | 1-469-152-11 | FERRITE, EMI (SMD) (2012) | |
| FB2676 | 1-469-152-11 | FERRITE, EMI (SMD) (2012) | |
| FB2677 | 1-469-152-11 | FERRITE, EMI (SMD) (2012) | |
| FB2685 | 1-469-152-11 | FERRITE, EMI (SMD) (2012) | |
| FB2701 | 1-469-152-11 | FERRITE, EMI (SMD) (2012) | |
| | | < IC > | |
| IC2000 | 6-600-014-01 | IC TORX141L (DIGITAL, CD/SACD OPTICAL IN) | |
| IC2001 | 6-600-012-11 | IC TOTX141L (RED) (DIGITAL, MD/DAT OPTICAL OUT) | |
| IC2002 | 6-600-014-01 | IC TORX141L (DIGITAL, MD/DAT OPTICAL IN) | |
| IC2003 | 6-600-014-01 | IC TORX141L (DIGITAL, TV/SAT OPTICAL IN) | |
| IC2004 | 6-600-014-01 | IC TORX141L (DIGITAL, DVD OPTICAL IN) | |
| IC2005 | 8-759-236-19 | IC TC74HC151AF (EL) | |
| IC2006 | 8-759-233-64 | IC TC74HCU04AF | |
| IC2007 | 8-759-566-06 | IC TC7WH08FU (TE12R) | |
| IC2008 | 8-759-233-44 | IC TC74HC595AF | |
| IC2009 | 8-759-196-96 | IC TC7SH08FU-TE85R | |
| IC2010 | 6-701-834-01 | IC PCM1802DBR | |
| IC2011 | 8-759-447-77 | IC TC7WH74FU (TE12R) | |
| IC2012 | 6-704-013-01 | IC DSD1800DBR | |
| IC2013 | 6-704-013-01 | IC DSD1800DBR | |
| IC2014 | 6-704-013-01 | IC DSD1800DBR | |
| IC2015 | 6-704-013-01 | IC DSD1800DBR | |
| IC2101 | 8-759-647-10 | IC uPC2933HF (AEP) | |
| IC2121 | 8-759-825-15 | IC LC89056W-E | |
| IC2122 | 8-759-523-84 | IC TC74VHC14FT (EL) | |
| IC2123 | 8-759-546-74 | IC TC7WH157FU (TE12R) | |
| IC2124 | 8-759-447-77 | IC TC7WH74FU (TE12R) | |
| IC2125 | 8-759-096-87 | IC TC7WU04FU (TE12R) | |
| IC2201 | 6-702-047-01 | IC CXD9718Q | |
| IC2202 | 6-704-037-01 | IC IC61LV6416-15TG | |
| IC2203 | 8-759-196-96 | IC TC7SH08FU-TE85R | |
| IC2204 | 8-759-523-78 | IC TC74VHC00FT (EL) | |
| IC2206 | 8-759-835-63 | IC NJM2391DL1-26 (TE1) | |
| IC2207 | 8-759-546-74 | IC TC7WH157FU (TE12R) | |
| IC2251 | 6-704-421-01 | IC CXD9782R | |
| IC2252 | 6-704-037-01 | IC IC61LV6416-15TG | |
| IC2253 | 6-704-037-01 | IC IC61LV6416-15TG | |
| IC2254 | 8-759-196-96 | IC TC7SH08FU-TE85R | |
| IC2255 | 8-759-835-63 | IC NJM2391DL1-26 (TE1) | |
| IC2304 | 8-759-447-77 | IC TC7WH74FU (TE12R) | |
| IC2401 | 6-803-008-01 | IC ISPLSI2032VE-110LTN44-MOD | |
| IC2402 | 8-759-447-77 | IC TC7WH74FU (TE12R) | |
| IC2403 | 8-759-531-92 | IC TC7WH04FU (TE12R) | |
| IC2404 | 8-759-392-01 | IC TC7SH86FU-TE85R | |
| IC2426 | 6-803-008-01 | IC ISPLSI2032VE-110LTN44-MOD | |
| IC2427 | 8-759-392-01 | IC TC7SH86FU-TE85R | |
| IC2428 | 8-759-491-46 | IC TC74VHCT04AFT (EL) | |

## DIGITAL

| Ref. No. | Part No. | Description | | | | Remark |
|---|---|---|---|---|---|---|
| IC2429 | 8-759-523-95 | IC TC74VHC74FT (EL) | | | | |
| IC2430 | 8-759-447-77 | IC TC7WH74FU (TE12R) | | | | |
| IC2461 | 8-759-233-44 | IC TC74HC595AF | | | | |
| IC2462 | 8-759-233-44 | IC TC74HC595AF | | | | |
| IC2501 | 8-759-523-30 | IC TC74AC541FT (EL) | | | | |
| IC2502 | 8-759-523-30 | IC TC74AC541FT (EL) | | | | |
| IC2503 | 8-759-523-30 | IC TC74AC541FT (EL) | | | | |
| IC2504 | 8-759-443-08 | IC TC7W241FU-TE12R | | | | |
| IC2601 | 6-802-972-01 | IC MB91F155-3ES-X105 | | | | |
| IC2603 | 8-759-641-86 | IC BR24C16F-E2 | | | | |
| IC2604 | 8-759-277-63 | IC TC7W14FU (TE12R) | | | | |
| IC2605 | 8-759-058-62 | IC TC7S08FU (TE85R) | | | | |
| IC2701 | 8-759-666-99 | IC TMP87CH447U-1F23 | | | | |
| IC2702 | 8-759-008-37 | IC MC74HC4050F | | | | |
| IC2703 | 8-759-008-37 | IC MC74HC4050F | | | | |
| IC2704 | 8-759-238-47 | IC TC74HCT7007AF(EL) | | | | |
| IC2705 | 8-759-058-62 | IC TC7S08FU (TE85R) | | | | |
| IC2706 | 6-702-912-01 | IC S-80942CNMC-G9CT2G | | | | |
| IC2708 | 8-759-238-47 | IC TC74HCT7007AF(EL) | | | | |
| | | < JACK > | | | | |
| J2000 | 1-817-958-11 | JACK, PIN 2P | | | | |
| | | < SHORT > | | | | |
| JW2011 | 1-216-295-00 | SHORT CHIP | 0 | | | |
| JW2012 | 1-216-295-00 | SHORT CHIP | 0 | | | |
| | | < TRANSISTOR > | | | | |
| Q2122 | 8-729-027-43 | TRANSISTOR | DTC114EKA-T146 | | | |
| Q2123 | 8-729-027-43 | TRANSISTOR | DTC114EKA-T146 | | | |
| Q2601 | 8-729-027-43 | TRANSISTOR | DTC114EKA-T146 | | | |
| Q2602 | 8-729-024-91 | TRANSISTOR | 2SC2712-GL-TE85L | | | |
| Q2603 | 8-729-024-91 | TRANSISTOR | 2SC2712-GL-TE85L | | | |
| Q2701 | 8-729-024-91 | TRANSISTOR | 2SC2712-GL-TE85L | | | |
| Q2702 | 8-729-024-91 | TRANSISTOR | 2SC2712-GL-TE85L | | | |
| Q2703 | 8-729-027-43 | TRANSISTOR | DTC114EKA-T146 | | | |
| | | < RESISTOR > | | | | |
| R2000 | 1-208-410-41 | RES-CHIP | 75 | 2% | 1/8W | (EXCEPT AEP) |
| R2000 | 1-259-909-11 | CARBON MELF | 75 | 2% | 1/8W | (AEP) |
| R2001 | 1-208-410-41 | RES-CHIP | 75 | 2% | 1/8W | (EXCEPT AEP) |
| R2001 | 1-259-909-11 | CARBON MELF | 75 | 2% | 1/8W | (AEP) |
| R2002 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W | |
| R2003 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W | |
| R2004 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W | |
| R2005 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W | |
| R2006 | 1-216-190-00 | RES-CHIP | 470 | 2% | 1/8W | (EXCEPT AEP) |
| R2006 | 1-259-991-11 | CARBON MELF | 470 | 2% | 1/8W | (AEP) |
| R2007 | 1-216-190-00 | RES-CHIP | 470 | 2% | 1/8W | (EXCEPT AEP) |
| R2007 | 1-259-991-11 | CARBON MELF | 470 | 2% | 1/8W | (AEP) |
| R2008 | 1-216-262-00 | RES-CHIP | 470K | 2% | 1/8W | (EXCEPT AEP) |
| R2008 | 1-260-028-11 | CARBON MELF | 470K | 2% | 1/8W | (AEP) |
| R2009 | 1-216-262-00 | RES-CHIP | 470K | 2% | 1/8W | (EXCEPT AEP) |
| R2009 | 1-260-028-11 | CARBON MELF | 470K | 2% | 1/8W | (AEP) |
| R2010 | 1-216-295-00 | SHORT CHIP | 0 | | | |
| R2011 | 1-216-238-00 | RES-CHIP | 47K | 2% | 1/8W | (EXCEPT AEP) |
| R2011 | 1-260-016-11 | CARBON MELF | 47K | 2% | 1/8W | (AEP) |
| R2012 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W | |
| R2013 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W | |
| R2014 | 1-216-238-00 | RES-CHIP | 47K | 2% | 1/8W | (EXCEPT AEP) |
| R2014 | 1-260-016-11 | CARBON MELF | 47K | 2% | 1/8W | (AEP) |
| R2015 | 1-208-462-41 | RES-CHIP | 1K | 2% | 1/10W | |
| R2016 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W | |
| R2017 | 1-208-462-41 | RES-CHIP | 1K | 2% | 1/10W | |
| R2018 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W | |
| R2019 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W | |
| R2020 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W | |
| R2021 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W | |
| R2022 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W | |
| R2024 | 1-216-295-00 | SHORT CHIP | 0 | | | |
| R2026 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W | |
| R2027 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W | |
| R2028 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W | |
| R2030 | 1-208-462-41 | RES-CHIP | 1K | 2% | 1/10W | |
| R2031 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W | |
| R2032 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W | |
| R2033 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W | |
| R2035 | 1-208-462-41 | RES-CHIP | 1K | 2% | 1/10W | |
| R2036 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W | |
| R2037 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W | |
| R2038 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W | |
| R2040 | 1-208-462-41 | RES-CHIP | 1K | 2% | 1/10W | |
| R2041 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W | |
| R2042 | 1-208-462-41 | RES-CHIP | 1K | 2% | 1/10W | |
| R2043 | 1-208-462-41 | RES-CHIP | 1K | 2% | 1/10W | |
| R2050 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W | |
| R2051 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W | |
| R2052 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W | |
| R2053 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W | |
| R2054 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W | |
| R2055 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W | |
| R2056 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W | |
| R2057 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W | (AEP) |
| R2058 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W | (AEP) |
| R2059 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W | (AEP) |
| R2121 | 1-208-558-41 | RES-CHIP | 1M | 2% | 1/10W | |
| R2122 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W | |
| R2125 | 1-208-526-41 | RES-CHIP | 47K | 2% | 1/10W | |

**DIGITAL**

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| R2128 | 1-216-671-11 | METAL CHIP | 6.8K | 0.5% | 1/10W |
| R2129 | 1-208-800-11 | METAL CHIP | 5.6K | 0.5% | 1/10W |
| R2130 | 1-208-462-41 | RES-CHIP | 1K | 2% | 1/10W |
| R2131 | 1-208-462-41 | RES-CHIP | 1K | 2% | 1/10W |
| R2132 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2133 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2134 | 1-208-437-41 | RES-CHIP | 1K | 2% | 1/10W |
| R2135 | 1-208-558-41 | RES-CHIP | 1M | 2% | 1/10W |
| R2136 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2137 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2138 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2139 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2140 | 1-208-453-41 | RES-CHIP | 4.7K | 2% | 1/10W |
| R2141 | 1-208-526-41 | RES-CHIP | 47K | 2% | 1/10W |
| R2142 | 1-208-299-41 | RES-CHIP | 3.3 | 2% | 1/10W |
| R2143 | 1-216-635-11 | METAL CHIP | 220 | 0.5% | 1/10W |
| R2144 | 1-216-699-11 | METAL CHIP | 100K | 0.5% | 1/10W |
| R2145 | 1-208-462-41 | RES-CHIP | 1K | 2% | 1/10W |
| R2148 | 1-216-295-00 | SHORT CHIP | 0 | | |
| R2152 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2155 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2156 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2157 | 1-216-295-00 | SHORT CHIP | 0 | | |
| R2158 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2201 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2202 | 1-208-462-41 | RES-CHIP | 1K | 2% | 1/10W |
| R2203 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2205 | 1-216-635-11 | METAL CHIP | 220 | 0.5% | 1/10W |
| R2206 | 1-216-295-00 | SHORT CHIP | 0 | | |
| R2207 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2208 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2209 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2210 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2211 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2212 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2213 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2215 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2216 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2218 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2219 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2220 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2224 | 1-208-462-41 | RES-CHIP | 1K | 2% | 1/10W |
| R2225 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2226 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2227 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2228 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2229 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2230 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2231 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2232 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2233 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2234 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2235 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2236 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2237 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2238 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2239 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2240 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| R2241 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2242 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2243 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2244 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2245 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2246 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2247 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2248 | 1-208-462-41 | RES-CHIP | 1K | 2% | 1/10W |
| R2249 | 1-208-462-41 | RES-CHIP | 1K | 2% | 1/10W |
| R2250 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2251 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2252 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2253 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2254 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2255 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2256 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2257 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2258 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2259 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2260 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2261 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2262 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2263 | 1-216-295-00 | SHORT CHIP | 0 | | |
| R2265 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2266 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2267 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2268 | 1-208-462-41 | RES-CHIP | 1K | 2% | 1/10W |
| R2269 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2270 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2271 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2272 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2273 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2274 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2275 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2276 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2277 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2278 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2279 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2280 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2281 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2282 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2283 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2284 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2285 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2286 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2287 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2288 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2289 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2290 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2291 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2292 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2293 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2294 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2295 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2296 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2297 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2298 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |

## DIGITAL

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| R2299 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2304 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2305 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2307 | 1-216-295-00 | SHORT CHIP | 0 | | |
| R2309 | 1-216-295-00 | SHORT CHIP | 0 | | |
| R2311 | 1-216-295-00 | SHORT CHIP | 0 | | |
| R2312 | 1-216-295-00 | SHORT CHIP | 0 | | |
| R2313 | 1-216-295-00 | SHORT CHIP | 0 | | |
| R2314 | 1-216-295-00 | SHORT CHIP | 0 | | |
| R2315 | 1-216-295-00 | SHORT CHIP | 0 | | |
| R2316 | 1-216-295-00 | SHORT CHIP | 0 | | |
| R2317 | 1-216-295-00 | SHORT CHIP | 0 | | |
| R2318 | 1-216-295-00 | SHORT CHIP | 0 | | |
| R2319 | 1-216-295-00 | SHORT CHIP | 0 | | |
| R2320 | 1-216-295-00 | SHORT CHIP | 0 | | |
| R2321 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2322 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2323 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2324 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2325 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2326 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2327 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2328 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2329 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2330 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2331 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2332 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2333 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2351 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2352 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2353 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2354 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2401 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2402 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2403 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2404 | 1-216-295-00 | SHORT CHIP | 0 | | |
| R2405 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2406 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2407 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2408 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2409 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2410 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2411 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2412 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2413 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2414 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2415 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2416 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2417 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2418 | 1-208-462-41 | RES-CHIP | 1K | 2% | 1/10W |
| R2419 | 1-208-462-41 | RES-CHIP | 1K | 2% | 1/10W |
| R2420 | 1-208-462-41 | RES-CHIP | 1K | 2% | 1/10W |
| R2426 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2427 | 1-216-295-00 | SHORT CHIP | 0 | | |
| R2428 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2429 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2430 | 1-208-462-41 | RES-CHIP | 1K | 2% | 1/10W |
| R2431 | 1-208-462-41 | RES-CHIP | 1K | 2% | 1/10W |

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| R2432 | 1-208-437-41 | RES-CHIP | 1K | 2% | 1/10W |
| R2433 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2434 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2435 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2436 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2437 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2438 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2439 | 1-208-437-41 | RES-CHIP | 1K | 2% | 1/10W |
| R2440 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2441 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2461 | 1-208-462-41 | RES-CHIP | 1K | 2% | 1/10W |
| R2500 | 1-216-699-11 | METAL CHIP | 100K | 0.5% | 1/10W |
| R2501 | 1-216-699-11 | METAL CHIP | 100K | 0.5% | 1/10W |
| R2502 | 1-208-462-41 | RES-CHIP | 1K | 2% | 1/10W |
| R2503 | 1-216-619-11 | METAL CHIP | 47 | 0.5% | 1/10W |
| R2504 | 1-216-619-11 | METAL CHIP | 47 | 0.5% | 1/10W |
| R2505 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2506 | 1-216-619-11 | METAL CHIP | 47 | 0.5% | 1/10W |
| R2507 | 1-216-619-11 | METAL CHIP | 47 | 0.5% | 1/10W |
| R2508 | 1-216-619-11 | METAL CHIP | 47 | 0.5% | 1/10W |
| R2509 | 1-216-619-11 | METAL CHIP | 47 | 0.5% | 1/10W |
| R2510 | 1-216-619-11 | METAL CHIP | 47 | 0.5% | 1/10W |
| R2511 | 1-216-619-11 | METAL CHIP | 47 | 0.5% | 1/10W |
| R2512 | 1-216-619-11 | METAL CHIP | 47 | 0.5% | 1/10W |
| R2513 | 1-216-619-11 | METAL CHIP | 47 | 0.5% | 1/10W |
| R2514 | 1-469-144-21 | FERRITE, EMI (SMD) (2012) | | | |
| R2515 | 1-216-619-11 | METAL CHIP | 47 | 0.5% | 1/10W |
| R2516 | 1-216-619-11 | METAL CHIP | 47 | 0.5% | 1/10W |
| R2517 | 1-216-619-11 | METAL CHIP | 47 | 0.5% | 1/10W |
| R2518 | 1-216-619-11 | METAL CHIP | 47 | 0.5% | 1/10W |
| R2519 | 1-216-619-11 | METAL CHIP | 47 | 0.5% | 1/10W |
| R2520 | 1-216-619-11 | METAL CHIP | 47 | 0.5% | 1/10W |
| R2521 | 1-216-619-11 | METAL CHIP | 47 | 0.5% | 1/10W |
| R2522 | 1-216-619-11 | METAL CHIP | 47 | 0.5% | 1/10W |
| R2523 | 1-216-619-11 | METAL CHIP | 47 | 0.5% | 1/10W |
| R2524 | 1-216-619-11 | METAL CHIP | 47 | 0.5% | 1/10W |
| R2525 | 1-216-619-11 | METAL CHIP | 47 | 0.5% | 1/10W |
| R2526 | 1-208-462-41 | RES-CHIP | 1K | 2% | 1/10W |
| R2527 | 1-208-462-41 | RES-CHIP | 1K | 2% | 1/10W |
| R2528 | 1-216-619-11 | METAL CHIP | 47 | 0.5% | 1/10W |
| R2529 | 1-216-619-11 | METAL CHIP | 47 | 0.5% | 1/10W |
| R2565 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2566 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2567 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2568 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2569 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2570 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2600 | 1-208-462-41 | RES-CHIP | 1K | 2% | 1/10W |
| R2601 | 1-208-462-41 | RES-CHIP | 1K | 2% | 1/10W |
| R2602 | 1-208-462-41 | RES-CHIP | 1K | 2% | 1/10W |
| R2604 | 1-208-462-41 | RES-CHIP | 1K | 2% | 1/10W |
| R2605 | 1-208-462-41 | RES-CHIP | 1K | 2% | 1/10W |
| R2606 | 1-208-462-41 | RES-CHIP | 1K | 2% | 1/10W |
| R2607 | 1-208-462-41 | RES-CHIP | 1K | 2% | 1/10W |
| R2608 | 1-208-462-41 | RES-CHIP | 1K | 2% | 1/10W |
| R2609 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2612 | 1-208-462-41 | RES-CHIP | 1K | 2% | 1/10W |

DIGITAL

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| R2613 | 1-208-437-41 | RES-CHIP | 1K | 2% | 1/10W (TW, KR) |
| R2613 | 1-216-655-11 | METAL CHIP | 1.5K | 0.5% | 1/10W (AEP) |
| R2613 | 1-216-295-00 | SHORT CHIP | 0 (US, CND) | | |
| R2614 | 1-208-453-41 | RES-CHIP | 4.7K | 2% | 1/10W (EXCEPT US, CND) |
| R2615 | 1-208-462-41 | RES-CHIP | 1K | 2% | 1/10W |
| R2616 | 1-208-462-41 | RES-CHIP | 1K | 2% | 1/10W |
| R2617 | 1-208-462-41 | RES-CHIP | 1K | 2% | 1/10W |
| R2618 | 1-208-462-41 | RES-CHIP | 1K | 2% | 1/10W |
| R2619 | 1-208-462-41 | RES-CHIP | 1K | 2% | 1/10W |
| R2620 | 1-208-462-41 | RES-CHIP | 1K | 2% | 1/10W |
| R2621 | 1-208-462-41 | RES-CHIP | 1K | 2% | 1/10W |
| R2622 | 1-208-462-41 | RES-CHIP | 1K | 2% | 1/10W |
| R2623 | 1-208-462-41 | RES-CHIP | 1K | 2% | 1/10W |
| R2624 | 1-208-462-41 | RES-CHIP | 1K | 2% | 1/10W |
| R2625 | 1-208-462-41 | RES-CHIP | 1K | 2% | 1/10W |
| R2626 | 1-208-462-41 | RES-CHIP | 1K | 2% | 1/10W |
| R2627 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2629 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2630 | 1-208-462-41 | RES-CHIP | 1K | 2% | 1/10W |
| R2631 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2632 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2633 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2634 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2635 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2636 | 1-208-462-41 | RES-CHIP | 1K | 2% | 1/10W |
| R2637 | 1-208-518-41 | RES-CHIP | 22K | 2% | 1/10W |
| R2638 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2639 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2640 | 1-216-689-11 | METAL CHIP | 39K | 0.5% | 1/10W |
| R2641 | 1-216-689-11 | METAL CHIP | 39K | 0.5% | 1/10W |
| R2642 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2643 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2644 | 1-208-462-41 | RES-CHIP | 1K | 2% | 1/10W |
| R2645 | 1-208-462-41 | RES-CHIP | 1K | 2% | 1/10W |
| R2646 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2647 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2648 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2649 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2650 | 1-208-462-41 | RES-CHIP | 1K | 2% | 1/10W |
| R2651 | 1-208-810-11 | METAL CHIP | 15K | 0.5% | 1/10W |
| R2652 | 1-208-462-41 | RES-CHIP | 1K | 2% | 1/10W |
| R2653 | 1-208-462-41 | RES-CHIP | 1K | 2% | 1/10W |
| R2654 | 1-208-462-41 | RES-CHIP | 1K | 2% | 1/10W |
| R2655 | 1-208-449-41 | RES-CHIP | 3.3K | 2% | 1/10W |
| R2656 | 1-208-449-41 | RES-CHIP | 3.3K | 2% | 1/10W |
| R2657 | 1-208-462-41 | RES-CHIP | 1K | 2% | 1/10W |
| R2658 | 1-216-699-11 | METAL CHIP | 100K | 0.5% | 1/10W |
| R2659 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2660 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2661 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2662 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2663 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2664 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2665 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2666 | 1-208-445-41 | RES-CHIP | 2.2K | 2% | 1/10W |

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| R2670 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2671 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2672 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2673 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2674 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2675 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2676 | 1-208-462-41 | RES-CHIP | 1K | 2% | 1/10W |
| R2677 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2678 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2679 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2680 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2681 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2682 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2683 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2685 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2686 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2687 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2692 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2693 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2694 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2695 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2696 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2697 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2699 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2701 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2702 | 1-208-462-41 | RES-CHIP | 1K | 2% | 1/10W |
| R2703 | 1-216-603-11 | METAL CHIP | 10 | 0.5% | 1/10W |
| R2704 | 1-208-462-41 | RES-CHIP | 1K | 2% | 1/10W |
| R2705 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2706 | 1-208-462-41 | RES-CHIP | 1K | 2% | 1/10W |
| R2707 | 1-208-453-41 | RES-CHIP | 4.7K | 2% | 1/10W |
| R2708 | 1-208-462-41 | RES-CHIP | 1K | 2% | 1/10W |
| R2709 | 1-208-462-41 | RES-CHIP | 1K | 2% | 1/10W |
| R2710 | 1-208-462-41 | RES-CHIP | 1K | 2% | 1/10W |
| R2711 | 1-208-462-41 | RES-CHIP | 1K | 2% | 1/10W |
| R2712 | 1-208-462-41 | RES-CHIP | 1K | 2% | 1/10W |
| R2713 | 1-208-558-41 | RES-CHIP | 1M | 2% | 1/10W |
| R2714 | 1-208-462-41 | RES-CHIP | 1K | 2% | 1/10W |
| R2715 | 1-208-462-41 | RES-CHIP | 1K | 2% | 1/10W |
| R2716 | 1-208-462-41 | RES-CHIP | 1K | 2% | 1/10W |
| R2717 | 1-208-462-41 | RES-CHIP | 1K | 2% | 1/10W |
| R2718 | 1-208-462-41 | RES-CHIP | 1K | 2% | 1/10W |
| R2719 | 1-208-462-41 | RES-CHIP | 1K | 2% | 1/10W |
| R2720 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2721 | 1-208-462-41 | RES-CHIP | 1K | 2% | 1/10W |
| R2722 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2723 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2724 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2725 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2726 | 1-208-462-41 | RES-CHIP | 1K | 2% | 1/10W |
| R2727 | 1-208-462-41 | RES-CHIP | 1K | 2% | 1/10W |
| R2728 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2729 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2730 | 1-208-462-41 | RES-CHIP | 1K | 2% | 1/10W |
| R2732 | 1-208-445-41 | RES-CHIP | 2.2K | 2% | 1/10W (AEP) |
| R2732 | 1-208-449-41 | RES-CHIP | 3.3K | 2% | 1/10W (TW, KR) |

## DIGITAL  FL

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| R2733 | 1-208-437-41 | RES-CHIP | 1K | 2% | 1/10W (EXCEPT AEP) |
| R2733 | 1-216-655-11 | METAL CHIP | 1.5K | 0.5% | 1/10W (AEP) |
| R2801 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2802 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2803 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2804 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2805 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2806 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2807 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2808 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2810 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2814 | 1-216-295-00 | SHORT CHIP | 0 (EXCEPT US, CND) | | |
| R2830 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2831 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2832 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2833 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| | | < VIBRATOR > | | | |
| X1101 | 1-795-219-21 | VIBRATOR, CRYSTAL (24.576MHz)) | | | |
| X2201 | 1-781-527-21 | VIBRATOR, CRYSTAL (13.5MHz) | | | |
| X2251 | 1-795-264-21 | VIBRATOR, CERAMIC (13.5MHz) | | | |
| X2601 | 1-795-179-21 | VIBRATOR, CERAMIC (16.5MHz) | | | |
| X2701 | 1-767-938-21 | VIBRATOR, CERAMIC (7.28MHz) | | | |

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| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| | A-4734-128-A | FL BOARD, COMPLETE (EXCEPT AEP: BLACK) | | | |
| | A-4734-171-A | FL BOARD, COMPLETE (AEP: BLACK) | | | |
| | | ****************** | | | |
| | 2-389-320-01 | CUSHION | | | |
| | 4-246-106-01 | HOLDER (FL) | | | |
| | | < CAPACITOR > | | | |
| C1001 | 1-124-589-11 | ELECT | 47uF | 20% | 16V |
| C1002 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C1003 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C1008 | 1-124-589-11 | ELECT | 47uF | 20% | 16V |
| C1009 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C1010 | 1-126-795-11 | ELECT | 10uF | 20% | 50V |
| C1011 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C1012 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V |
| C1013 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V |
| C1014 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C1018 | 1-165-726-31 | ELECT | 56uF | 20% | 16V |
| C1019 | 1-107-381-91 | MYLAR | 0.012uF | 5% | 200V |
| C1020 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C1021 | 1-165-746-31 | ELECT | 22uF | 20% | 50V |
| C1022 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C1034 | 1-126-916-11 | ELECT | 1000uF | 20% | 6.3V |
| C1038 | 1-165-746-31 | ELECT | 22uF | 20% | 50V |
| | | < CONNECTOR > | | | |
| CN1001 | 1-784-739-11 | CONNECTOR, FFC 17P | | | |
| CN1002 | 1-784-784-11 | CONNECTOR, FFC 23P | | | |
| * CN1003 | 1-564-719-11 | PIN, CONNECTOR (SMALL TYPE) 3P | | | |
| CN1007 | 1-785-819-11 | HOUSING, CONNECTOR (PC BOARD) 15P | | | |

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| | | < DIODE > | | | |
| D1002 | 8-719-075-59 | LED SELS5B23C-TP15 (Digital Cinema Sound) | | | |
| D1003 | 8-719-070-83 | LED SELU5E20C-TP15 (MULTI CHANNEL DECODING) | | | |
| D1013 | 8-719-313-50 | LED SEL6810A-TH12 (DIMMER) | | | |
| D1015 | 8-719-041-97 | DIODE MA113-(TX) | | | |
| D1016 | 8-719-041-97 | DIODE MA113-(TX) | | | |
| D1017 | 8-719-041-97 | DIODE MA113-(TX) | | | |
| D1018 | 8-719-041-97 | DIODE MA113-(TX) | | | |
| D1019 | 8-719-056-84 | DIODE UDZ-TE-17-7.5B | | | |
| D1027 | 6-500-540-01 | DIODE RB521S-30FTE61 | | | |
| | | < FILTER > | | | |
| FL1001 | 1-518-906-11 | INDICATOR TUBE, FLUORESCENT | | | |
| | | < IC > | | | |
| IC1001 | 8-759-827-69 | IC NJL63H400A-1 | | | |
| IC1002 | 8-759-238-47 | IC TC74HCT7007AF(EL) | | | |
| IC1003 | 8-759-238-47 | IC TC74HCT7007AF(EL) | | | |
| IC1004 | 8-759-342-19 | IC NJU3716M-T2 | | | |
| | | < COIL > | | | |
| L1001 | 1-456-519-11 | COIL, CHOKE | 150uH | | |
| | | < TRANSISTOR > | | | |
| Q1001 | 8-729-808-42 | TRANSISTOR | 2SD1624-T | | |
| Q1002 | 8-729-808-42 | TRANSISTOR | 2SD1624-T | | |
| | | < RESISTOR > | | | |
| R1001 | 1-216-001-00 | RES-CHIP | 10 | 5% | 1/10W |
| R1002 | 1-249-385-11 | CARBON | 2.2 | 5% | 1/4W |
| R1003 | 1-249-385-11 | CARBON | 2.2 | 5% | 1/4W |
| R1004 | 1-216-025-11 | RES-CHIP | 100 | 5% | 1/10W |
| R1005 | 1-216-025-11 | RES-CHIP | 100 | 5% | 1/10W |
| R1006 | 1-216-025-11 | RES-CHIP | 100 | 5% | 1/10W |
| R1007 | 1-216-025-11 | RES-CHIP | 100 | 5% | 1/10W |
| R1008 | 1-216-025-11 | RES-CHIP | 100 | 5% | 1/10W |
| R1009 | 1-216-025-11 | RES-CHIP | 100 | 5% | 1/10W |
| R1010 | 1-216-025-11 | RES-CHIP | 100 | 5% | 1/10W |
| R1011 | 1-216-025-11 | RES-CHIP | 100 | 5% | 1/10W |
| R1012 | 1-216-025-11 | RES-CHIP | 100 | 5% | 1/10W |
| R1013 | 1-216-025-11 | RES-CHIP | 100 | 5% | 1/10W |
| R1014 | 1-216-025-11 | RES-CHIP | 100 | 5% | 1/10W |
| R1015 | 1-216-025-11 | RES-CHIP | 100 | 5% | 1/10W |
| R1016 | 1-216-049-11 | RES-CHIP | 1K | 5% | 1/10W |
| R1017 | 1-216-049-11 | RES-CHIP | 1K | 5% | 1/10W |
| R1018 | 1-216-089-11 | RES-CHIP | 47K | 5% | 1/10W |
| R1020 | 1-216-037-00 | RES-CHIP | 330 | 5% | 1/10W |
| R1021 | 1-216-037-00 | RES-CHIP | 330 | 5% | 1/10W |
| R1022 | 1-216-022-00 | RES-CHIP | 75 | 5% | 1/10W |
| R1023 | 1-216-073-00 | RES-CHIP | 1K | 5% | 1/10W |
| R1024 | 1-216-029-00 | RES-CHIP | 150 | 5% | 1/10W |
| R1026 | 1-216-073-00 | RES-CHIP | 1K | 5% | 1/10W |
| R1027 | 1-216-065-00 | RES-CHIP | 4.7K | 5% | 1/10W |
| R1028 | 1-216-057-00 | RES-CHIP | 2.2K | 5% | 1/10W |
| R1029 | 1-216-057-00 | RES-CHIP | 2.2K | 5% | 1/10W |

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| R1030 | 1-216-049-11 | RES-CHIP | 1K | 5% | 1/10W |
| R1031 | 1-216-073-00 | RES-CHIP | 1K | 5% | 1/10W |
| R1032 | 1-216-065-00 | RES-CHIP | 4.7K | 5% | 1/10W |
| R1033 | 1-216-057-00 | RES-CHIP | 2.2K | 5% | 1/10W |
| R1034 | 1-216-057-00 | RES-CHIP | 2.2K | 5% | 1/10W |
| R1035 | 1-216-049-11 | RES-CHIP | 1K | 5% | 1/10W |
| R1036 | 1-216-065-00 | RES-CHIP | 4.7K | 5% | 1/10W |
| R1037 | 1-216-025-11 | RES-CHIP | 100 | 5% | 1/10W |
| R1038 | 1-216-025-11 | RES-CHIP | 100 | 5% | 1/10W |
| R1039 | 1-216-081-00 | RES-CHIP | 22K | 5% | 1/10W |
| R1040 | 1-216-295-00 | SHORT CHIP | 0 | | |
| | | < SWITCH > | | | |
| S1001 | 1-771-349-21 | SWITCH, KEYBOARD (SURR BACK DECODING) | | | |
| S1002 | 1-771-349-21 | SWITCH, KEYBOARD (MULTI CH IN 1/2) | | | |
| S1003 | 1-771-349-21 | SWITCH, KEYBOARD (DIRECT) | | | |
| S1004 | 1-771-349-21 | SWITCH, KEYBOARD (DECODE PRIORITY) | | | |
| S1005 | 1-771-349-21 | SWITCH, KEYBOARD (DISPLAY) | | | |
| S1006 | 1-771-349-21 | SWITCH, KEYBOARD (USER PRESET) | | | |
| S1007 | 1-771-349-21 | SWITCH, KEYBOARD (MEMORY/ENTER) | | | |
| S1008 | 1-771-349-21 | SWITCH, KEYBOARD (FM/AM) | | | |
| S1009 | 1-771-349-21 | SWITCH, KEYBOARD (TUNING +) | | | |
| S1010 | 1-771-349-21 | SWITCH, KEYBOARD (TUNING –) | | | |
| S1011 | 1-771-349-21 | SWITCH, KEYBOARD (PRESET TUNING +) | | | |
| S1012 | 1-771-349-21 | SWITCH, KEYBOARD (PRESET TUNING –) | | | |
| | | < TRANSFORMER > | | | |
| T1001 | 1-439-837-11 | TRANSFORMER, DC-DC CONVERTER (EXCEPT AEP: BLACK) | | | |
| T1001 | 1-439-838-11 | TRANSFORMER, DC-DC CONVERTER (AEP: BLACK) | | | |

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| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| | 1-688-726-11 | FUNCTION BOARD<br>*************** | | | |
| | | < CONNECTOR > | | | |
| * CN1005 | 1-564-720-11 | PIN, CONNECTOR (SMALL TYPE) 4P | | | |
| | | < RESISTOR > | | | |
| R1055 | 1-216-065-00 | RES-CHIP | 4.7K | 5% | 1/10W |
| | | < ROTARY ENCODER > | | | |
| RV1006 | 1-418-589-11 | ENCODER, ROTARY (INPUT SELECTOR) | | | |
| | | < SWITCH > | | | |
| S1014 | 1-771-349-21 | SWITCH, KEYBOARD (INPUT MODE) | | | |

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| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| | 1-688-723-11 | HP BOARD<br>******** | | | |
| | | < CAPACITOR > | | | |
| C1025 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C1026 | 1-164-161-11 | CERAMIC CHIP | 0.0022uF | 10% | 50V |
| C1027 | 1-164-161-11 | CERAMIC CHIP | 0.0022uF | 10% | 50V |
| C1041 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| | | < CONNECTOR > | | | |
| * CN1011 | 1-564-704-11 | PIN, CONNECTOR (SMALL TYPE) 2P | | | |
| CN1012 | 1-779-978-11 | PIN, CONNECTOR 3P | | | |
| | | < JACK > | | | |
| J1001 | 1-815-313-21 | JACK (PHONES) | | | |
| | | < SHORT > | | | |
| JW1011 | 1-216-295-00 | SHORT CHIP | 0 | | |
| JW1012 | 1-216-295-00 | SHORT CHIP | 0 | | |
| JW1013 | 1-216-295-00 | SHORT CHIP | 0 | | |
| JW1014 | 1-216-295-00 | SHORT CHIP | 0 | | |

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| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| | 1-688-724-11 | JOG BOARD<br>********* | | | |
| | | < CONNECTOR > | | | |
| CN1013 | 1-785-820-11 | CONNECTOR, BOARD TO BOARD 15P | | | |
| | | < DIODE > | | | |
| D1025 | 8-719-988-61 | DIODE 1SS355TE-17 | | | |
| D1026 | 8-719-988-61 | DIODE 1SS355TE-17 | | | |
| | | < RESISTOR > | | | |
| R1043 | 1-216-089-11 | RES-CHIP | 47K | 5% | 1/10W |
| R1044 | 1-216-089-11 | RES-CHIP | 47K | 5% | 1/10W |
| R1045 | 1-216-089-11 | RES-CHIP | 47K | 5% | 1/10W |
| R1046 | 1-216-089-11 | RES-CHIP | 47K | 5% | 1/10W |
| | | < ROTARY ENCODER > | | | |
| RV1001 | 1-478-017-11 | ENCODER, ROTARY (BASS) | | | |
| RV1002 | 1-478-017-11 | ENCODER, ROTARY (TREBLE) | | | |
| RV1003 | 1-478-017-11 | ENCODER, ROTARY (MAIN MENU) | | | |
| RV1004 | 1-478-017-11 | ENCODER, ROTARY (MENU) | | | |
| RV1005 | 1-478-017-11 | ENCODER, ROTARY (–/+) | | | |
| | | < SWITCH > | | | |
| SW1001 | 1-762-684-11 | SWITCH, ROTARY (SPEAKERS) | | | |

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| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| | 1-688-729-11 | KEY BOARD<br>********** | | | |
| | | < RESISTOR > | | | |
| R1056 | 1-216-057-00 | RES-CHIP | 2.2K | 5% | 1/10W |
| R1057 | 1-216-057-00 | RES-CHIP | 2.2K | 5% | 1/10W |
| R1058 | 1-216-049-11 | RES-CHIP | 1K | 5% | 1/10W |
| | | < SWITCH > | | | |
| S1015 | 1-771-349-21 | SWITCH, KEYBOARD (MUSIC) | | | |
| S1016 | 1-771-349-21 | SWITCH, KEYBOARD (MOVIE) | | | |
| S1017 | 1-771-349-21 | SWITCH, KEYBOARD (A.F.D.) | | | |
| S1018 | 1-771-349-21 | SWITCH, KEYBOARD (2CH) | | | |

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# LED | POWER SW | POWER SW SUB | PRE-OUT

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| | 1-688-731-11 | LED BOARD | | | |
| | | ********* | | | |
| | | < CONNECTOR > | | | |
| CN1021 | 1-564-718-11 | PIN, CONNECTOR (SMALL TYPE) 2P | | | |
| | | < LED > | | | |
| D1014 | 8-719-313-66 | LED SEL6410E-TH12 (DIRECT) | | | |
| | | < RESISTOR > | | | |
| R1025 | 1-216-029-00 | RES-CHIP | 150 | 5% | 1/10W |

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| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| | A-4733-995-A | POWER SW BOARD, COMPLETE | | | |
| | | ************************** | | | |
| | | < CAPACITOR > | | | |
| C1023 | 1-163-021-11 | CERAMIC CHIP | 0.01uF | 10% | 50V |
| C1024 | 1-163-021-11 | CERAMIC CHIP | 0.01uF | 10% | 50V |
| | | < CONNECTOR > | | | |
| * CN1010 | 1-564-720-11 | PIN, CONNECTOR (SMALL TYPE) 4P | | | |
| CN1022 | 1-506-481-11 | PIN, CONNECTOR 2P | | | |
| | | < DIODE > | | | |
| D1020 | 8-719-059-14 | LED SID313BP-TP19 (IR RECEPTOR) | | | |
| D1021 | 8-719-075-86 | LED SID307BRTP19 (IR RECEPTOR) | | | |
| D1022 | 8-719-075-86 | LED SID307BRTP19 (IR RECEPTOR) | | | |
| D1023 | 8-719-988-61 | DIODE 1SS355TE-17 | | | |
| D1024 | 8-719-988-61 | DIODE 1SS355TE-17 | | | |
| | | < IC > | | | |
| IC1005 | 8-759-242-70 | IC TC7WU04F | | | |
| | | < TRANSISTOR > | | | |
| Q1003 | 8-729-801-93 | TRANSISTOR | 2SD1387-3 | | |
| Q1004 | 8-729-801-93 | TRANSISTOR | 2SD1387-3 | | |
| | | < RESISTOR > | | | |
| R1041 | 1-216-298-00 | RES-CHIP | 2.2 | 5% | 1/10W |
| R1042 | 1-216-298-00 | RES-CHIP | 2.2 | 5% | 1/10W |

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| Ref. No. | Part No. | Description | Remark |
|---|---|---|---|
| | 1-860-316-11 | POWER SW SUB BOARD | |
| | | ******************* | |
| | | < SWITCH > | |
| S1013 | 1-771-349-21 | SWITCH, KEYBOARD (I/⏻) | |

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| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| | A-4734-125-A | PRE-OUT BOARD, COMPLETE (US, CND) | | | |
| | | ************************ | | | |
| | | < CAPACITOR > | | | |
| C2801 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2802 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2805 | 1-126-395-11 | ELECT CHIP | 22uF | 20% | 16V |
| C2806 | 1-126-395-11 | ELECT CHIP | 22uF | 20% | 16V |
| C2815 | 1-128-858-11 | ELECT | 22uF | 20% | 50V |
| C2816 | 1-128-832-11 | ELECT | 220uF | 20% | 10V |
| C2817 | 1-137-505-11 | MYLAR | 220PF | 5% | 100V |
| C2818 | 1-128-858-11 | ELECT | 22uF | 20% | 50V |
| C2819 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V |
| C2822 | 1-163-021-11 | CERAMIC CHIP | 0.01uF | 10% | 50V |
| C2823 | 1-164-161-11 | CERAMIC CHIP | 0.0022uF | 10% | 50V |
| C2824 | 1-164-161-11 | CERAMIC CHIP | 0.0022uF | 10% | 50V |
| C2834 | 1-216-295-00 | SHORT CHIP | 0 | | |
| C2835 | 1-128-858-11 | ELECT | 22uF | 20% | 50V |
| C2836 | 1-128-832-11 | ELECT | 220uF | 20% | 10V |
| C2837 | 1-137-505-11 | MYLAR | 220PF | 5% | 100V |
| C2838 | 1-128-858-11 | ELECT | 22uF | 20% | 50V |
| C2839 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V |
| C2851 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2865 | 1-128-858-11 | ELECT | 22uF | 20% | 50V |
| C2866 | 1-128-832-11 | ELECT | 220uF | 20% | 10V |
| C2867 | 1-137-505-11 | MYLAR | 220PF | 5% | 100V |
| C2868 | 1-128-858-11 | ELECT | 22uF | 20% | 50V |
| C2869 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V |
| C2872 | 1-163-021-11 | CERAMIC CHIP | 0.01uF | 10% | 50V |
| C2873 | 1-164-161-11 | CERAMIC CHIP | 0.0022uF | 10% | 50V |
| C2874 | 1-164-161-11 | CERAMIC CHIP | 0.0022uF | 10% | 50V |
| C2884 | 1-216-295-00 | SHORT CHIP | 0 | | |
| C2885 | 1-128-858-11 | ELECT | 22uF | 20% | 50V |
| C2886 | 1-128-832-11 | ELECT | 220uF | 20% | 10V |
| C2887 | 1-137-505-11 | MYLAR | 220PF | 5% | 100V |
| C2888 | 1-128-858-11 | ELECT | 22uF | 20% | 50V |
| C2889 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V |
| C2901 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2915 | 1-128-858-11 | ELECT | 22uF | 20% | 50V |
| C2916 | 1-128-832-11 | ELECT | 220uF | 20% | 10V |
| C2917 | 1-137-505-11 | MYLAR | 220PF | 5% | 100V |
| C2918 | 1-128-858-11 | ELECT | 22uF | 20% | 50V |
| C2919 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V |
| C2922 | 1-163-021-11 | CERAMIC CHIP | 0.01uF | 10% | 50V |
| C2923 | 1-164-161-11 | CERAMIC CHIP | 0.0022uF | 10% | 50V |
| C2924 | 1-164-161-11 | CERAMIC CHIP | 0.0022uF | 10% | 50V |
| C2934 | 1-216-295-00 | SHORT CHIP | 0 | | |
| C2935 | 1-128-858-11 | ELECT | 22uF | 20% | 50V |
| C2936 | 1-128-832-11 | ELECT | 220uF | 20% | 10V |
| C2937 | 1-137-505-11 | MYLAR | 220PF | 5% | 100V |
| C2938 | 1-128-858-11 | ELECT | 22uF | 20% | 50V |
| C2939 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V |
| C2951 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C2965 | 1-128-858-11 | ELECT | 22uF | 20% | 50V |
| C2966 | 1-128-832-11 | ELECT | 220uF | 20% | 10V |
| C2967 | 1-137-505-11 | MYLAR | 220PF | 5% | 100V |
| C2968 | 1-128-858-11 | ELECT | 22uF | 20% | 50V |
| C2969 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V |
| C2972 | 1-163-021-11 | CERAMIC CHIP | 0.01uF | 10% | 50V |
| C2973 | 1-164-161-11 | CERAMIC CHIP | 0.0022uF | 10% | 50V |
| C2974 | 1-164-161-11 | CERAMIC CHIP | 0.0022uF | 10% | 50V |
| C2983 | 1-216-295-00 | SHORT CHIP | 0 | | |
| C2985 | 1-128-858-11 | ELECT | 22uF | 20% | 50V |
| C2986 | 1-128-832-11 | ELECT | 220uF | 20% | 10V |
| C2987 | 1-137-505-11 | MYLAR | 220PF | 5% | 100V |

## PRE-OUT

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| C2988 | 1-128-858-11 | ELECT | 22uF | 20% | 50V |
| C2989 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V |
| | | < CONNECTOR > | | | |
| CN2902 | 1-691-765-11 | PLUG (MICRO CONNECTOR) 3P | | | |
| CN2903 | 1-779-977-11 | PIN, CONNECTOR 6P | | | |
| CN2904 | 1-784-929-11 | PIN, CONNECTOR 14P | | | |
| | | < DIODE > | | | |
| D2801 | 8-719-988-61 | DIODE 1SS355TE-17 | | | |
| D2851 | 8-719-988-61 | DIODE 1SS355TE-17 | | | |
| D2901 | 8-719-988-61 | DIODE 1SS355TE-17 | | | |
| D2951 | 8-719-988-61 | DIODE 1SS355TE-17 | | | |
| | | < IC > | | | |
| IC2812 | 6-702-387-01 | IC CXD9725M | | | |
| IC2813 | 8-759-832-29 | IC NJM4580M-(TE2) | | | |
| IC2862 | 6-702-387-01 | IC CXD9725M | | | |
| IC2863 | 8-759-832-29 | IC NJM4580M-(TE2) | | | |
| IC2912 | 6-702-387-01 | IC CXD9725M | | | |
| IC2913 | 8-759-832-29 | IC NJM4580M-(TE2) | | | |
| IC2962 | 6-702-387-01 | IC CXD9725M | | | |
| IC2963 | 8-759-832-29 | IC NJM4580M-(TE2) | | | |
| | | < JACK > | | | |
| J2815 | 1-817-960-11 | JACK, PIN 2P (SUB WOOFER AUDIO OUT, PREOUT CENTER) | | | |
| J2875 | 1-793-525-21 | JACK, PIN 2P (PREOUT SURROUND BACK) | | | |
| J2915 | 1-793-525-21 | JACK, PIN 2P (PREOUT SURROUND) | | | |
| J2975 | 1-793-525-21 | JACK, PIN 2P (PREOUT FRONT) | | | |
| | | < COIL > | | | |
| L2801 | 1-410-509-11 | MICRO INDUCTOR | | 10uH | |
| | | < TRANSISTOR > | | | |
| Q2800 | 8-729-027-24 | TRANSISTOR | DTA114TKA-T146 | | |
| Q2801 | 8-729-230-49 | TRANSISTOR | 2SC2712-YG | | |
| Q2851 | 8-729-230-49 | TRANSISTOR | 2SC2712-YG | | |
| Q2901 | 8-729-230-49 | TRANSISTOR | 2SC2712-YG | | |
| Q2951 | 8-729-230-49 | TRANSISTOR | 2SC2712-YG | | |
| | | < RESISTOR > | | | |
| R2802 | 1-216-065-00 | RES-CHIP | 4.7K | 5% | 1/10W |
| R2803 | 1-216-073-00 | RES-CHIP | 1K | 5% | 1/10W |
| ⚠R2804 | 1-249-393-11 | CARBON | 10 | 5% | 1/4W F |
| R2805 | 1-216-097-11 | RES-CHIP | 100K | 5% | 1/10W |
| R2806 | 1-216-295-00 | SHORT CHIP | 0 | | |
| R2807 | 1-216-295-00 | SHORT CHIP | 0 | | |
| R2808 | 1-216-295-00 | SHORT CHIP | 0 | | |
| R2817 | 1-208-437-41 | RES-CHIP | 1K | 2% | 1/10W |
| R2818 | 1-216-013-00 | RES-CHIP | 33 | 5% | 1/10W |
| R2819 | 1-216-097-11 | RES-CHIP | 100K | 5% | 1/10W |
| R2820 | 1-208-826-11 | METAL CHIP | 68K | 0.5% | 1/10W |
| R2822 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2824 | 1-208-437-41 | RES-CHIP | 1K | 2% | 1/10W |
| R2835 | 1-216-097-11 | RES-CHIP | 100K | 5% | 1/10W |
| R2837 | 1-208-437-41 | RES-CHIP | 1K | 2% | 1/10W |
| R2838 | 1-216-013-00 | RES-CHIP | 33 | 5% | 1/10W |
| R2839 | 1-216-699-11 | METAL CHIP | 100K | 0.5% | 1/10W |
| R2840 | 1-208-826-11 | METAL CHIP | 68K | 0.5% | 1/10W |
| R2842 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2844 | 1-208-437-41 | RES-CHIP | 1K | 2% | 1/10W |
| R2852 | 1-216-065-00 | RES-CHIP | 4.7K | 5% | 1/10W |
| R2853 | 1-216-073-00 | RES-CHIP | 1K | 5% | 1/10W |
| ⚠R2854 | 1-249-393-11 | CARBON | 10 | 5% | 1/4W F |
| R2855 | 1-216-097-11 | RES-CHIP | 100K | 5% | 1/10W |
| R2856 | 1-216-295-00 | SHORT CHIP | 0 | | |
| R2857 | 1-216-295-00 | SHORT CHIP | 0 | | |
| R2858 | 1-216-295-00 | SHORT CHIP | 0 | | |
| R2867 | 1-208-437-41 | RES-CHIP | 1K | 2% | 1/10W |
| R2868 | 1-216-013-00 | RES-CHIP | 33 | 5% | 1/10W |
| R2869 | 1-216-699-11 | METAL CHIP | 100K | 0.5% | 1/10W |
| R2870 | 1-208-826-11 | METAL CHIP | 68K | 0.5% | 1/10W |
| R2872 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2873 | 1-208-437-41 | RES-CHIP | 1K | 2% | 1/10W |
| R2887 | 1-208-437-41 | RES-CHIP | 1K | 2% | 1/10W |
| R2888 | 1-216-013-00 | RES-CHIP | 33 | 5% | 1/10W |
| R2889 | 1-216-097-11 | RES-CHIP | 100K | 5% | 1/10W |
| R2890 | 1-208-826-11 | METAL CHIP | 68K | 0.5% | 1/10W |
| R2892 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2893 | 1-208-437-41 | RES-CHIP | 1K | 2% | 1/10W |
| R2902 | 1-216-065-00 | RES-CHIP | 4.7K | 5% | 1/10W |
| R2903 | 1-216-073-00 | RES-CHIP | 1K | 5% | 1/10W |
| ⚠R2904 | 1-249-393-11 | CARBON | 10 | 5% | 1/4W F |
| R2905 | 1-216-097-11 | RES-CHIP | 100K | 5% | 1/10W |
| R2906 | 1-216-295-00 | SHORT CHIP | 0 | | |
| R2907 | 1-216-295-00 | SHORT CHIP | 0 | | |
| R2908 | 1-216-295-00 | SHORT CHIP | 0 | | |
| R2917 | 1-208-437-41 | RES-CHIP | 1K | 2% | 1/10W |
| R2918 | 1-216-013-00 | RES-CHIP | 33 | 5% | 1/10W |
| R2919 | 1-216-097-11 | RES-CHIP | 100K | 5% | 1/10W |
| R2920 | 1-208-826-11 | METAL CHIP | 68K | 0.5% | 1/10W |
| R2922 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2923 | 1-208-437-41 | RES-CHIP | 1K | 2% | 1/10W |
| R2937 | 1-208-437-41 | RES-CHIP | 1K | 2% | 1/10W |
| R2938 | 1-216-013-00 | RES-CHIP | 33 | 5% | 1/10W |
| R2939 | 1-216-097-11 | RES-CHIP | 100K | 5% | 1/10W |
| R2940 | 1-208-826-11 | METAL CHIP | 68K | 0.5% | 1/10W |
| R2942 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2943 | 1-208-437-41 | RES-CHIP | 1K | 2% | 1/10W |
| R2952 | 1-216-065-00 | RES-CHIP | 4.7K | 5% | 1/10W |
| R2953 | 1-216-073-00 | RES-CHIP | 1K | 5% | 1/10W |
| ⚠R2954 | 1-249-393-11 | CARBON | 10 | 5% | 1/4W F |
| R2956 | 1-216-295-00 | SHORT CHIP | 0 | | |
| R2957 | 1-216-295-00 | SHORT CHIP | 0 | | |
| R2958 | 1-216-295-00 | SHORT CHIP | 0 | | |
| R2967 | 1-208-437-41 | RES-CHIP | 1K | 2% | 1/10W |
| R2968 | 1-216-013-00 | RES-CHIP | 33 | 5% | 1/10W |
| R2969 | 1-216-097-11 | RES-CHIP | 100K | 5% | 1/10W |
| R2970 | 1-208-826-11 | METAL CHIP | 68K | 0.5% | 1/10W |
| R2972 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2973 | 1-208-437-41 | RES-CHIP | 1K | 2% | 1/10W |
| R2987 | 1-208-437-41 | RES-CHIP | 1K | 2% | 1/10W |
| R2988 | 1-216-013-00 | RES-CHIP | 33 | 5% | 1/10W |
| R2989 | 1-216-097-11 | RES-CHIP | 100K | 5% | 1/10W |
| R2990 | 1-208-826-11 | METAL CHIP | 68K | 0.5% | 1/10W |

| The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified. | Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié. |
|---|---|

# PRE-OUT | REG

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| R2992 | 1-216-627-11 | METAL CHIP | 100 | 0.5% | 1/10W |
| R2993 | 1-208-437-41 | RES-CHIP | 1K | 2% | 1/10W |
| | | < RELAY > | | | |
| RY2801 | 1-755-486-11 | RELAY | | | |
| RY2851 | 1-755-486-11 | RELAY | | | |
| RY2901 | 1-755-486-11 | RELAY | | | |
| RY2951 | 1-755-486-11 | RELAY | | | |

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|---|---|---|---|---|---|
| | A-4734-121-A | REG BOARD, COMPLETE (US, CND) | | | |
| | A-4734-162-A | REG BOARD, COMPLETE (EXCEPT US, CND) | | | |

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| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| | 7-685-646-79 | SCREW +BVTP 3X8 TYPE2 IT-3 | | | |
| | | < CAPACITOR > | | | |
| C905 | 1-137-150-11 | MYLAR | 0.01uF | 5% | 100V |
| C906 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C907 | 1-119-793-11 | ELECT | 1000uF | 20% | 16V (EXCEPT US, CND) |
| C907 | 1-127-720-91 | ELECT | 470uF | 20% | 16V (US, CND) |
| C908 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C909 | 1-119-825-11 | ELECT | 22uF | 20% | 50V (EXCEPT US, CND) |
| C909 | 1-128-858-11 | ELECT | 22uF | 20% | 50V (US, CND) |
| C910 | 1-119-857-21 | ELECT | 470uF | 20% | 100V (EXCEPT US, CND) |
| C910 | 1-128-889-51 | ELECT | 470uF | 20% | 100V (US, CND) |
| C911 | 1-100-188-11 | MYLAR | 0.75uF | 5% | 250V |
| C913 | 1-100-694-11 | ELECT | 12000uF | 20% | 71V |
| C914 | 1-100-188-11 | MYLAR | 0.75uF | 5% | 250V |
| C915 | 1-127-718-91 | ELECT | 100uF | 20% | 16V |
| C916 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C917 | 1-127-718-91 | ELECT | 100uF | 20% | 16V |
| C918 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C919 | 1-127-718-91 | ELECT | 100uF | 20% | 16V |
| C920 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C921 | 1-135-660-51 | ELECT | 6800uF | | 6.3V (EXCEPT US, CND) |
| C921 | 1-137-662-91 | ELECT | 6800uF | 20% | 6.3V (US, CND) |
| C922 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C923 | 1-135-660-51 | ELECT | 6800uF | | 6.3V (EXCEPT US, CND) |
| C923 | 1-137-662-91 | ELECT | 6800uF | 20% | 6.3V (US, CND) |
| C924 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C925 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C926 | 1-127-718-91 | ELECT | 100uF | 20% | 16V |
| C927 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C928 | 1-127-718-91 | ELECT | 100uF | 20% | 16V |
| C929 | 1-127-718-91 | ELECT | 100uF | 20% | 16V |
| C930 | 1-128-832-11 | ELECT | 220uF | 20% | 10V (US, CND) |
| C931 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V (US, CND) |
| C933 | 1-128-832-11 | ELECT | 220uF | 20% | 10V (US, CND) |
| C934 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V (US, CND) |
| C935 | 1-119-824-11 | ELECT | 10uF | 20% | 50V (US, CND) |
| C936 | 1-128-832-11 | ELECT | 220uF | 20% | 10V (US, CND) |
| C937 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V (US, CND) |
| C938 | 1-119-824-11 | ELECT | 10uF | 20% | 50V (US, CND) |
| C939 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V (US, CND) |
| C940 | 1-128-832-11 | ELECT | 220uF | 20% | 10V (US, CND) |
| C941 | 1-119-824-31 | ELECT | 10uF | 20% | 50V (EXCEPT US, CND) |
| C942 | 1-119-801-21 | ELECT | 220uF | 20% | 25V (EXCEPT US, CND) |
| C943 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V (EXCEPT US, CND) |
| C944 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V (EXCEPT US, CND) |
| C945 | 1-119-801-21 | ELECT | 220uF | 20% | 25V (EXCEPT US, CND) |
| C947 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C948 | 1-119-824-31 | ELECT | 10uF | 20% | 50V (EXCEPT US, CND) |
| C948 | 1-119-824-11 | ELECT | 10uF | 20% | 50V (US, CND) |
| C949 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V (US, CND) |
| C950 | 1-128-839-11 | ELECT | 33uF | 20% | 16V (US, CND) |
| C951 | 1-127-718-91 | ELECT | 100uF | 20% | 16V |
| C960 | 1-119-835-31 | ELECT | 33uF | 20% | 63V (EXCEPT US, CND) |
| C960 | 1-128-839-11 | ELECT | 33uF | 20% | 16V (US, CND) |
| C961 | 1-128-839-11 | ELECT | 33uF | 20% | 16V (US, CND) |
| C962 | 1-128-839-11 | ELECT | 33uF | 20% | 16V (US, CND) |
| C963 | 1-128-839-11 | ELECT | 33uF | 20% | 16V (US, CND) |
| C964 | 1-128-839-11 | ELECT | 33uF | 20% | 16V (US, CND) |
| C965 | 1-128-839-11 | ELECT | 33uF | 20% | 16V (US, CND) |
| C966 | 1-128-839-11 | ELECT | 33uF | 20% | 16V (US, CND) |
| C967 | 1-128-839-11 | ELECT | 33uF | 20% | 16V (US, CND) |
| C968 | 1-137-365-11 | MYLAR | 0.0015uF | 5% | 50V |
| C969 | 1-137-365-11 | MYLAR | 0.0015uF | 5% | 50V (US, CND) |
| C970 | 1-137-365-11 | MYLAR | 0.0015uF | 5% | 50V (US, CND) |
| C971 | 1-137-365-11 | MYLAR | 0.0015uF | 5% | 50V (US, CND) |
| C972 | 1-137-365-11 | MYLAR | 0.0015uF | 5% | 50V (US, CND) |

| The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified. | Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié. |
|---|---|

**REG**

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| C973 | 1-137-365-11 | MYLAR | 0.0015uF | 5% | 50V (US, CND) |
| C974 | 1-137-365-11 | MYLAR | 0.0015uF | 5% | 50V (US, CND) |
| C975 | 1-137-365-11 | MYLAR | 0.0015uF | 5% | 50V (US, CND) |
| C976 | 1-136-357-11 | MYLAR | 680PF | 5% | 100V |
| C977 | 1-136-357-11 | MYLAR | 680PF | 5% | 100V (US, CND) |
| C978 | 1-136-357-11 | MYLAR | 680PF | 5% | 100V (US, CND) |
| C979 | 1-136-357-11 | MYLAR | 680PF | 5% | 100V (US, CND) |
| C980 | 1-136-357-11 | MYLAR | 680PF | 5% | 100V (US, CND) |
| C981 | 1-136-357-11 | MYLAR | 680PF | 5% | 100V (US, CND) |
| C982 | 1-136-357-11 | MYLAR | 680PF | 5% | 100V (US, CND) |
| C983 | 1-136-357-11 | MYLAR | 680PF | 5% | 100V (US, CND) |
| C984 | 1-136-356-11 | MYLAR | 470PF | 5% | 100V |
| C985 | 1-136-356-11 | MYLAR | 470PF | 5% | 100V (US, CND) |
| C986 | 1-136-356-11 | MYLAR | 470PF | 5% | 100V (US, CND) |
| C987 | 1-136-356-11 | MYLAR | 470PF | 5% | 100V (US, CND) |
| C988 | 1-136-356-11 | MYLAR | 470PF | 5% | 100V (US, CND) |
| C989 | 1-136-356-11 | MYLAR | 470PF | 5% | 100V (US, CND) |
| C990 | 1-136-356-11 | MYLAR | 470PF | 5% | 100V (US, CND) |
| C991 | 1-136-356-11 | MYLAR | 470PF | 5% | 100V (US, CND) |
| C992 | 1-119-835-31 | ELECT | 33uF | 20% | 63V (EXCEPT US, CND) |
| C992 | 1-128-839-11 | ELECT | 33uF | 20% | 16V (US, CND) |
| C993 | 1-128-839-11 | ELECT | 33uF | 20% | 16V (US, CND) |
| C994 | 1-128-839-11 | ELECT | 33uF | 20% | 16V (US, CND) |
| C995 | 1-128-839-11 | ELECT | 33uF | 20% | 16V (US, CND) |
| C996 | 1-128-839-11 | ELECT | 33uF | 20% | 16V (US, CND) |
| C997 | 1-128-839-11 | ELECT | 33uF | 20% | 16V (US, CND) |
| C998 | 1-128-839-11 | ELECT | 33uF | 20% | 16V (US, CND) |
| C999 | 1-128-839-11 | ELECT | 33uF | 20% | 16V (US, CND) |
| C4001 | 1-127-728-51 | ELECT | 2200uF | 20% | 25V |
| C4002 | 1-127-728-51 | ELECT | 2200uF | 20% | 25V |
| C4003 | 1-100-023-31 | ELECT | 39uF | 20% | 16V |
| C4004 | 1-100-023-31 | ELECT | 39uF | 20% | 16V |
| C4005 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C4006 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C4007 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C4008 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| C4009 | 1-119-825-11 | ELECT | 22uF | 20% | 50V (EXCEPT US, CND) |
| C4009 | 1-128-858-11 | ELECT | 22uF | 20% | 50V (US, CND) |
| C4010 | 1-119-825-11 | ELECT | 22uF | 20% | 50V (EXCEPT US, CND) |
| C4010 | 1-128-858-11 | ELECT | 22uF | 20% | 50V (US, CND) |
| | | < CONNECTOR > | | | |
| CN903 | 1-691-765-11 | PLUG (MICRO CONNECTOR) 3P | | | |
| CN907 | 1-691-766-11 | PLUG (MICRO CONNECTOR) 4P | | | |
| CN909 | 1-784-926-11 | PIN, CONNECTOR 11P | | | |
| * CN910 | 1-564-704-11 | PIN, CONNECTOR (SMALL TYPE) 2P | | | |
| CN911 | 1-784-786-11 | CONNECTOR, FFC 25P | | | |
| CN912 | 1-691-766-11 | PLUG (MICRO CONNECTOR) 4P | | | |
| CN913 | 1-779-977-11 | PIN, CONNECTOR 6P | | | |
| CN914 | 1-784-929-11 | PIN, CONNECTOR 14P (US, CND) | | | |
| CN917 | 1-564-320-00 | PIN, CONNECTOR (3.96MM PITCH) 2P | | | |
| * CN919 | 1-564-704-11 | PIN, CONNECTOR (SMALL TYPE) 2P | | | |
| CN4002 | 1-691-767-11 | PLUG (MICRO CONNECTOR) 5P | | | |
| | | < DIODE > | | | |
| D901 | 8-719-988-61 | DIODE 1SS355TE-17 | | | |
| D902 | 8-719-988-61 | DIODE 1SS355TE-17 | | | |
| D903 | 8-719-053-18 | DIODE 1SR154-400TE-25 | | | |
| D904 | 8-719-053-18 | DIODE 1SR154-400TE-25 | | | |
| D905 | 8-719-053-18 | DIODE 1SR154-400TE-25 | | | |
| D906 | 8-719-069-56 | DIODE UDZSTE-176.2B | | | |
| D907 | 8-719-049-09 | DIODE 1SS367-T3SONY | | | |
| D908 | 8-719-049-09 | DIODE 1SS367-T3SONY | | | |
| D935 | 8-719-801-78 | DIODE 1SS184 (EXCEPT US, CND) | | | |
| | | < GROUND TERMINAL > | | | |
| * E901 | 1-537-738-21 | TERMINAL, EARTH | | | |
| * E902 | 1-537-738-21 | TERMINAL, EARTH | | | |
| * E903 | 1-537-738-21 | TERMINAL, EARTH | | | |
| * E4001 | 1-537-738-21 | TERMINAL, EARTH | | | |
| * E4002 | 1-537-738-21 | TERMINAL, EARTH | | | |
| | | < GROUND TERMINAL > | | | |
| * EP901 | 4-924-264-21 | TERMINAL, MOUNT | | | |
| * EP902 | 4-924-264-21 | TERMINAL, MOUNT | | | |
| | | < FERRITE BEAD > | | | |
| FB931 | 1-469-152-11 | FERRITE, EMI (SMD) (2012) (US, CND) | | | |
| FB932 | 1-469-152-11 | FERRITE, EMI (SMD) (2012) (US, CND) | | | |
| FB933 | 1-469-152-11 | FERRITE, EMI (SMD) (2012) | | | (EXCEPT US, CND) |
| FB934 | 1-469-152-11 | FERRITE, EMI (SMD) (2012) | | | (EXCEPT US, CND) |
| | | < IC/TRANSISTOR > | | | |
| IC903 | 8-759-545-66 | IC NJM3414AMP (TE2) | | | |
| IC911 | 8-759-445-59 | IC BA033T | | | |
| IC912 | 8-759-231-53 | IC TA7805S | | | |
| * IC913 | 8-729-045-93 | TRANSISTOR IMZ4T108 | | | |
| IC931 | 6-703-420-01 | IC DSD1751DBQR (EXCEPT US, CND) | | | |

## REG

| Ref. No. | Part No. | Description | | | | Remark |
|---|---|---|---|---|---|---|
| IC934 | 8-759-832-29 | IC | NJM4580M-(TE2) | | | |
| IC935 | 8-759-832-29 | IC | NJM4580M-(TE2) (US, CND) | | | |
| IC936 | 8-759-832-29 | IC | NJM4580M-(TE2) (US, CND) | | | |
| IC937 | 8-759-832-29 | IC | NJM4580M-(TE2) (US, CND) | | | |
| IC940 | 8-759-524-50 | IC | TC74VHC541FT (EL) (US, CND) | | | |
| IC940 | 8-759-524-60 | IC | AK4512-VF-E2 (EXCEPT US, CND) | | | |
| IC941 | 8-759-524-50 | IC | TC74VHC541FT (EL) (US, CND) | | | |
| IC2801 | 6-704-131-01 | IC | DSD1608PAHR (US, CND) | | | |
| IC4001 | 8-759-473-41 | IC | BA10T | | | |
| IC4002 | 8-759-604-50 | IC | M5F7910L | | | |
| | | < SHORT > | | | | |
| JW901 | 1-216-295-00 | SHORT CHIP | 0 | | | |
| JW902 | 1-216-295-00 | SHORT CHIP | 0 | | | |
| JW903 | 1-216-295-00 | SHORT CHIP | 0 | | | |
| | | < COIL > | | | | |
| L901 | 1-456-545-11 | COIL, CHOKE | 100uH | | | |
| L902 | 1-456-545-11 | COIL, CHOKE | 100uH | | | |
| L4001 | 1-409-575-11 | COIL, CHOKE | 1mH | | | |
| L4002 | 1-456-520-11 | COIL, CHOKE | 1mH | | | |
| | | < TRANSISTOR > | | | | |
| Q905 | 8-729-216-31 | TRANSISTOR | 2SA1163-G | | | |
| Q906 | 8-729-271-31 | TRANSISTOR | 2SC2713-G | | | |
| Q908 | 8-729-271-31 | TRANSISTOR | 2SC2713-G | | | |
| Q911 | 8-729-027-23 | TRANSISTOR | DTA114EKA-T146 | | | |
| Q912 | 8-729-027-43 | TRANSISTOR | DTC114EKA-T146 | | | |
| Q913 | 6-550-363-01 | TRANSISTOR | 2SB1690KT146 | | | |
| Q914 | 8-729-027-43 | TRANSISTOR | DTC114EKA-T146 | | | |
| Q959 | 8-729-024-91 | TRANSISTOR | 2SC2712-GL-TE85L | | | |
| | | < RESISTOR > | | | | |
| R905 | 1-249-589-11 | CARBON | 36K | 5% | 1/4W | |
| R906 | 1-247-807-31 | CARBON | 100 | 5% | 1/4W | |
| R907 | 1-216-057-00 | RES-CHIP | 2.2K | 5% | 1/10W | |
| ⚠R908 | 1-216-369-00 | METAL OXIDE | 1 | 5% | 2W | F |
| R909 | 1-216-113-00 | RES-CHIP | 470K | 5% | 1/10W | |
| R910 | 1-216-073-00 | RES-CHIP | 1K | 5% | 1/10W | |
| R911 | 1-216-063-00 | RES-CHIP | 3.9K | 5% | 1/10W | |
| R912 | 1-216-077-00 | RES-CHIP | 15K | 5% | 1/10W | |
| R913 | 1-216-049-11 | RES-CHIP | 1K | 5% | 1/10W | |
| R914 | 1-216-295-00 | SHORT CHIP | 0 | | | |
| R915 | 1-216-025-11 | RES-CHIP | 100 | 5% | 1/10W | |
| R916 | 1-216-073-00 | RES-CHIP | 1K | 5% | 1/10W | |
| R917 | 1-215-869-11 | METAL OXIDE | 1K | 5% | 1W | |
| R918 | 1-216-025-11 | RES-CHIP | 100 | 5% | 1/10W | |
| R919 | 1-249-923-11 | CARBON | 1K | 1% | 1/4W | |
| R920 | 1-249-923-11 | CARBON | 1K | 1% | 1/4W | |
| R921 | 1-216-073-00 | RES-CHIP | 1K | 5% | 1/10W | |
| R922 | 1-249-607-11 | CARBON | 200K | 5% | 1/4W | |
| R927 | 1-249-960-11 | CARBON | 36K | 1% | 1/4W | |
| R928 | 1-249-937-11 | CARBON | 3.9K | 1% | 1/4W | |
| R929 | 1-216-057-00 | RES-CHIP | 2.2K | 5% | 1/10W | |
| R930 | 1-216-057-00 | RES-CHIP | 2.2K | 5% | 1/10W | |
| R931 | 1-216-071-00 | RES-CHIP | 8.2K | 5% | 1/10W | |
| R933 | 1-216-025-11 | RES-CHIP | 100 | 5% | 1/10W | (US, CND) |
| R934 | 1-216-025-11 | RES-CHIP | 100 | 5% | 1/10W | |
| R935 | 1-216-025-11 | RES-CHIP | 100 | 5% | 1/10W | (US, CND) |
| R936 | 1-216-025-11 | RES-CHIP | 100 | 5% | 1/10W | (US, CND) |
| R937 | 1-216-025-11 | RES-CHIP | 100 | 5% | 1/10W | |
| R938 | 1-216-025-11 | RES-CHIP | 100 | 5% | 1/10W | |
| R939 | 1-216-025-11 | RES-CHIP | 100 | 5% | 1/10W | |
| R940 | 1-216-025-11 | RES-CHIP | 100 | 5% | 1/10W | |
| R941 | 1-216-025-11 | RES-CHIP | 100 | 5% | 1/10W | (US, CND) |
| R942 | 1-216-025-11 | RES-CHIP | 100 | 5% | 1/10W | (US, CND) |
| R943 | 1-216-025-11 | RES-CHIP | 100 | 5% | 1/10W | (US, CND) |
| R944 | 1-216-025-11 | RES-CHIP | 100 | 5% | 1/10W | |
| R945 | 1-216-025-11 | RES-CHIP | 100 | 5% | 1/10W | (US, CND) |
| R946 | 1-216-025-11 | RES-CHIP | 100 | 5% | 1/10W | (US, CND) |
| R947 | 1-216-025-11 | RES-CHIP | 100 | 5% | 1/10W | (US, CND) |
| R948 | 1-216-025-11 | RES-CHIP | 100 | 5% | 1/10W | (US, CND) |
| R949 | 1-216-025-11 | RES-CHIP | 100 | 5% | 1/10W | |
| R950 | 1-216-025-11 | RES-CHIP | 100 | 5% | 1/10W | (US, CND) |
| R951 | 1-216-025-11 | RES-CHIP | 100 | 5% | 1/10W | |
| R952 | 1-216-025-11 | RES-CHIP | 100 | 5% | 1/10W | |
| R953 | 1-216-025-11 | RES-CHIP | 100 | 5% | 1/10W | |
| R954 | 1-216-033-00 | RES-CHIP | 220 | 5% | 1/10W | |
| R955 | 1-216-001-00 | RES-CHIP | 10 | 5% | 1/10W | |
| R956 | 1-216-049-11 | RES-CHIP | 1K | 5% | 1/10W | |
| R960 | 1-216-208-00 | RES-CHIP | 2.7K | 2% | 1/8W | (US, CND) |
| R960 | 1-260-001-11 | CARBON MELF | 2.7K | 2% | 1/8W | (EXCEPT US, CND) |
| R961 | 1-216-661-11 | METAL CHIP | 2.7K | 0.5% | 1/10W | (US, CND) |
| R962 | 1-216-661-11 | METAL CHIP | 2.7K | 0.5% | 1/10W | (US, CND) |
| R963 | 1-216-661-11 | METAL CHIP | 2.7K | 0.5% | 1/10W | (US, CND) |
| R964 | 1-216-661-11 | METAL CHIP | 2.7K | 0.5% | 1/10W | (US, CND) |
| R965 | 1-216-661-11 | METAL CHIP | 2.7K | 0.5% | 1/10W | (US, CND) |
| R966 | 1-216-661-11 | METAL CHIP | 2.7K | 0.5% | 1/10W | (US, CND) |
| R967 | 1-216-661-11 | METAL CHIP | 2.7K | 0.5% | 1/10W | (US, CND) |
| R968 | 1-208-506-11 | RES-CHIP | 6.8K | 2% | 1/8W | (US, CND) |
| R968 | 1-249-427-11 | CARBON | 6.8K | 5% | 1/4W | (EXCEPT US, CND) |
| R969 | 1-216-671-11 | METAL CHIP | 6.8K | 0.5% | 1/10W | (US, CND) |
| R970 | 1-216-671-11 | METAL CHIP | 6.8K | 0.5% | 1/10W | (US, CND) |
| R971 | 1-216-671-11 | METAL CHIP | 6.8K | 0.5% | 1/10W | (US, CND) |
| R972 | 1-216-671-11 | METAL CHIP | 6.8K | 0.5% | 1/10W | |

| | |
|---|---|
| The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified. | Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié. |

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| | | | | | (US, CND) |
| R973 | 1-216-671-11 | METAL CHIP | 6.8K | 0.5% | 1/10W (US, CND) |
| R974 | 1-216-671-11 | METAL CHIP | 6.8K | 0.5% | 1/10W (US, CND) |
| R975 | 1-216-671-11 | METAL CHIP | 6.8K | 0.5% | 1/10W (US, CND) |
| R976 | 1-208-810-11 | METAL CHIP | 15K | 0.5% | 1/10W (US, CND) |
| R976 | 1-260-010-11 | CARBON MELF | 15K | 2% | 1/8W (EXCEPT US, CND) |
| R977 | 1-208-810-11 | METAL CHIP | 15K | 0.5% | 1/10W (US, CND) |
| R978 | 1-208-810-11 | METAL CHIP | 15K | 0.5% | 1/10W (US, CND) |
| R979 | 1-208-810-11 | METAL CHIP | 15K | 0.5% | 1/10W (US, CND) |
| R980 | 1-208-810-11 | METAL CHIP | 15K | 0.5% | 1/10W (US, CND) |
| R981 | 1-208-810-11 | METAL CHIP | 15K | 0.5% | 1/10W (US, CND) |
| R982 | 1-208-810-11 | METAL CHIP | 15K | 0.5% | 1/10W (US, CND) |
| R983 | 1-208-810-11 | METAL CHIP | 15K | 0.5% | 1/10W (US, CND) |
| R984 | 1-216-222-00 | RES-CHIP | 1K | 2% | 1/8W (US, CND) |
| R984 | 1-260-008-11 | CARBON MELF | 1K | 2% | 1/8W (EXCEPT US, CND) |
| R985 | 1-208-462-41 | RES-CHIP | 1K | 2% | 1/10W (US, CND) |
| R985 | 1-216-295-00 | SHORT CHIP | 0 (EXCEPT US, CND) | | |
| R986 | 1-208-462-41 | RES-CHIP | 1K | 2% | 1/10W (US, CND) |
| R987 | 1-208-462-41 | RES-CHIP | 1K | 2% | 1/10W (US, CND) |
| R988 | 1-208-462-41 | RES-CHIP | 1K | 2% | 1/10W (US, CND) |
| R989 | 1-208-462-41 | RES-CHIP | 1K | 2% | 1/10W (US, CND) |
| R990 | 1-208-462-41 | RES-CHIP | 1K | 2% | 1/10W (US, CND) |
| R991 | 1-208-462-41 | RES-CHIP | 1K | 2% | 1/10W (US, CND) |
| R992 | 1-216-222-00 | RES-CHIP | 1K | 2% | 1/8W (US, CND) |
| R992 | 1-260-008-11 | CARBON MELF | 1K | 2% | 1/8W (EXCEPT US, CND) |
| R993 | 1-208-462-41 | RES-CHIP | 1K | 2% | 1/10W (US, CND) |
| R994 | 1-208-462-41 | RES-CHIP | 1K | 2% | 1/10W (US, CND) |
| R995 | 1-208-462-41 | RES-CHIP | 1K | 2% | 1/10W (US, CND) |
| R996 | 1-208-462-41 | RES-CHIP | 1K | 2% | 1/10W (US, CND) |
| R997 | 1-208-462-41 | RES-CHIP | 1K | 2% | 1/10W (US, CND) |
| R998 | 1-208-462-41 | RES-CHIP | 1K | 2% | 1/10W (US, CND) |
| R999 | 1-208-462-41 | RES-CHIP | 1K | 2% | 1/10W (US, CND) |
| R1000 | 1-216-025-11 | RES-CHIP | 100 | 5% | 1/10W |
| R1001 | 1-216-025-11 | RES-CHIP | 100 | 5% | 1/10W (US, CND) |
| R1002 | 1-216-025-11 | RES-CHIP | 100 | 5% | 1/10W (US, CND) |
| R1003 | 1-216-025-11 | RES-CHIP | 100 | 5% | 1/10W |
| R1004 | 1-216-025-11 | RES-CHIP | 100 | 5% | 1/10W |
| R1005 | 1-216-025-11 | RES-CHIP | 100 | 5% | 1/10W |
| R1006 | 1-216-025-11 | RES-CHIP | 100 | 5% | 1/10W |
| R1007 | 1-216-025-11 | RES-CHIP | 100 | 5% | 1/10W |
| R1008 | 1-216-025-11 | RES-CHIP | 100 | 5% | 1/10W (US, CND) |
| R1009 | 1-216-025-11 | RES-CHIP | 100 | 5% | 1/10W (US, CND) |
| R1010 | 1-216-025-11 | RES-CHIP | 100 | 5% | 1/10W (US, CND) |
| R1011 | 1-216-025-11 | RES-CHIP | 100 | 5% | 1/10W (US, CND) |
| R1012 | 1-216-025-11 | RES-CHIP | 100 | 5% | 1/10W (US, CND) |
| R1013 | 1-216-025-11 | RES-CHIP | 100 | 5% | 1/10W (US, CND) |
| R1014 | 1-216-025-11 | RES-CHIP | 100 | 5% | 1/10W (US, CND) |
| R1015 | 1-216-025-11 | RES-CHIP | 100 | 5% | 1/10W (US, CND) |
| R1019 | 1-216-246-00 | RES-CHIP | 100K | 2% | 1/8W (US, CND) |
| R1019 | 1-260-020-11 | CARBON MELF | 100K | 2% | 1/8W (EXCEPT US, CND) |
| R1020 | 1-216-699-11 | METAL CHIP | 100K | 0.5% | 1/10W (US, CND) |
| R1021 | 1-216-699-11 | METAL CHIP | 100K | 0.5% | 1/10W (US, CND) |
| R1022 | 1-216-699-11 | METAL CHIP | 100K | 0.5% | 1/10W (US, CND) |
| R1023 | 1-216-699-11 | METAL CHIP | 100K | 0.5% | 1/10W (US, CND) |
| R1024 | 1-216-699-11 | METAL CHIP | 100K | 0.5% | 1/10W (US, CND) |
| R1025 | 1-216-699-11 | METAL CHIP | 100K | 0.5% | 1/10W (US, CND) |
| R1026 | 1-216-699-11 | METAL CHIP | 100K | 0.5% | 1/10W (US, CND) |
| R1027 | 1-216-057-00 | RES-CHIP | 2.2K | 5% | 1/10W |
| R4005 | 1-217-806-11 | RES-CHIP | 1 | 5% | 1/8W |

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A-4734-123-A S-VIDEO BOARD, COMPLETE
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< CAPACITOR >

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| C72 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C701 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C702 | 1-137-658-91 | ELECT | 1000uF | 20% | 6.3V |
| C711 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C712 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C713 | 1-119-824-11 | ELECT | 10uF | 20% | 50V |
| C714 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C715 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C716 | 1-119-824-11 | ELECT | 10uF | 20% | 50V |
| C722 | 1-163-243-11 | CERAMIC CHIP | 47PF | 5% | 50V |

**S-VIDEO** **SP TM (A)** **SP TM (B)** **SP TM (C)**

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| C723 | 1-163-243-11 | CERAMIC CHIP | 47PF | 5% | 50V |
| C724 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C725 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C726 | 1-119-824-11 | ELECT | 10uF | 20% | 50V |
| C731 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C732 | 1-163-243-11 | CERAMIC CHIP | 47PF | 5% | 50V |
| C733 | 1-163-243-11 | CERAMIC CHIP | 47PF | 5% | 50V |
| C734 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C735 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C736 | 1-119-824-11 | ELECT | 10uF | 20% | 50V |
| C737 | 1-128-830-11 | ELECT | 47uF | 20% | 10V |
| C738 | 1-128-830-11 | ELECT | 47uF | 20% | 10V |
| C739 | 1-128-830-11 | ELECT | 47uF | 20% | 10V |
| C740 | 1-128-830-11 | ELECT | 47uF | 20% | 10V |
| C741 | 1-119-824-11 | ELECT | 10uF | 20% | 50V |
| C742 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C743 | 1-163-038-00 | CERAMIC CHIP | 0.1uF | | 25V |
| C744 | 1-164-161-11 | CERAMIC CHIP | 0.0022uF | 10% | 50V |
| C745 | 1-164-161-11 | CERAMIC CHIP | 0.0022uF | 10% | 50V |
| C746 | 1-163-038-00 | CERAMIC CHIP | 0.1uF | | 25V |
| C747 | 1-164-161-11 | CERAMIC CHIP | 0.0022uF | 10% | 50V |
| C748 | 1-164-161-11 | CERAMIC CHIP | 0.0022uF | 10% | 50V |
| | | < CONNECTOR > | | | |
| CNP742 | 1-779-977-11 | PIN, CONNECTOR 6P | | | |
| CNS741 | 1-784-778-11 | CONNECTOR, FFC 17P | | | |
| | | < DIODE > | | | |
| D741 | 8-719-988-61 | DIODE 1SS355TE-17 | | | |
| D742 | 8-719-988-61 | DIODE 1SS355TE-17 | | | |
| | | < IC > | | | |
| IC701 | 8-759-536-24 | IC NJM-2296M-TE2 | | | |
| IC702 | 6-700-050-01 | IC NJM2596M (TE2) | | | |
| | | < TERAMINAL/JACK > | | | |
| J701 | 1-537-943-11 | TERMINAL, S (MONITOR OUT S2 VIDEO) | | | |
| J702 | 1-764-676-11 | CONNECTOR (ROUND TYPE) (TV/SAT S2 VIDEO IN, DVD S2 VIDEO IN) | | | |
| J703 | 1-764-676-11 | CONNECTOR (ROUND TYPE) (VIDEO2 S2 VIDEO OUT/S2 VIDEO IN) | | | |
| J704 | 1-764-676-11 | CONNECTOR (ROUND TYPE) (VIDEO1 S2 VIDEO OUT/S2 VIDEO IN) | | | |
| | | < FERRITE BEAD > | | | |
| L741 | 1-500-425-11 | FERRITE, EMI (SMD) (3216) | | | |
| L742 | 1-500-425-11 | FERRITE, EMI (SMD) (3216) | | | |
| L743 | 1-500-425-11 | FERRITE, EMI (SMD) (3216) | | | |
| L744 | 1-500-425-11 | FERRITE, EMI (SMD) (3216) | | | |
| | | < RESISTOR > | | | |
| R701 | 1-216-022-00 | RES-CHIP | 75 | 5% | 1/10W |
| R702 | 1-216-097-11 | RES-CHIP | 100K | 5% | 1/10W |
| R703 | 1-216-022-00 | RES-CHIP | 75 | 5% | 1/10W |
| R704 | 1-216-049-11 | RES-CHIP | 1K | 5% | 1/10W |
| R705 | 1-216-295-00 | SHORT CHIP | 0 | | |
| R711 | 1-216-022-00 | RES-CHIP | 75 | 5% | 1/10W |
| R712 | 1-216-022-00 | RES-CHIP | 75 | 5% | 1/10W |

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| R713 | 1-216-022-00 | RES-CHIP | 75 | 5% | 1/10W |
| R714 | 1-216-022-00 | RES-CHIP | 75 | 5% | 1/10W |
| R715 | 1-216-295-00 | SHORT CHIP | 0 | | |
| R721 | 1-216-022-00 | RES-CHIP | 75 | 5% | 1/10W |
| R722 | 1-216-097-11 | RES-CHIP | 100K | 5% | 1/10W |
| R723 | 1-216-022-00 | RES-CHIP | 75 | 5% | 1/10W |
| R724 | 1-216-022-00 | RES-CHIP | 75 | 5% | 1/10W |
| R725 | 1-216-022-00 | RES-CHIP | 75 | 5% | 1/10W |
| R726 | 1-216-295-00 | SHORT CHIP | 0 | | |
| R731 | 1-216-022-00 | RES-CHIP | 75 | 5% | 1/10W |
| R732 | 1-216-097-11 | RES-CHIP | 100K | 5% | 1/10W |
| R733 | 1-216-022-00 | RES-CHIP | 75 | 5% | 1/10W |
| R734 | 1-216-022-00 | RES-CHIP | 75 | 5% | 1/10W |
| R735 | 1-216-022-00 | RES-CHIP | 75 | 5% | 1/10W |
| R736 | 1-216-295-00 | SHORT CHIP | 0 | | |
| R737 | 1-216-083-00 | RES-CHIP | 27K | 5% | 1/10W |
| R738 | 1-216-089-11 | RES-CHIP | 47K | 5% | 1/10W |
| R740 | 1-216-022-00 | RES-CHIP | 75 | 5% | 1/10W |
| R741 | 1-216-022-00 | RES-CHIP | 75 | 5% | 1/10W |
| R742 | 1-216-022-00 | RES-CHIP | 75 | 5% | 1/10W |
| R743 | 1-216-097-11 | RES-CHIP | 100K | 5% | 1/10W |
| R744 | 1-216-097-11 | RES-CHIP | 100K | 5% | 1/10W |
| R745 | 1-216-097-11 | RES-CHIP | 100K | 5% | 1/10W |
| R746 | 1-216-097-11 | RES-CHIP | 100K | 5% | 1/10W |
| R747 | 1-216-097-11 | RES-CHIP | 100K | 5% | 1/10W |
| R748 | 1-216-295-00 | SHORT CHIP | 0 | | |
| R749 | 1-216-295-00 | SHORT CHIP | 0 | | |
| R750 | 1-216-022-00 | RES-CHIP | 75 | 5% | 1/10W |

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1-860-490-11 SP TM (A) BOARD
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< CAPACITOR >

| | | | | | |
|---|---|---|---|---|---|
| CC004 | 1-100-156-91 | CERAMIC CHIP | 680PF | 5% | 100V |
| CC005 | 1-100-156-91 | CERAMIC CHIP | 680PF | 5% | 100V |
| CC011 | 1-100-156-91 | CERAMIC CHIP | 680PF | 5% | 100V |
| CC012 | 1-100-156-91 | CERAMIC CHIP | 680PF | 5% | 100V |
| CC018 | 1-100-156-91 | CERAMIC CHIP | 680PF | 5% | 100V |
| CC019 | 1-100-156-91 | CERAMIC CHIP | 680PF | 5% | 100V |
| CC025 | 1-100-156-91 | CERAMIC CHIP | 680PF | 5% | 100V |
| CC026 | 1-100-156-91 | CERAMIC CHIP | 680PF | 5% | 100V |

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1-860-491-11 SP TM (B) BOARD
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< CAPACITOR >

| | | | | | |
|---|---|---|---|---|---|
| CC051 | 1-100-156-91 | CERAMIC CHIP | 680PF | 5% | 100V |
| CC052 | 1-100-156-91 | CERAMIC CHIP | 680PF | 5% | 100V |

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1-860-492-11 SP TM (C) BOARD
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< CAPACITOR >

| | | | | | |
|---|---|---|---|---|---|
| CC055 | 1-100-156-91 | CERAMIC CHIP | 680PF | 5% | 100V |
| CC056 | 1-100-156-91 | CERAMIC CHIP | 680PF | 5% | 100V |

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| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| | 1-860-493-11 | SP TM (D) BOARD | | | |
| | | *************** | | | |
| | | < CAPACITOR > | | | |
| CC059 | 1-100-156-91 | CERAMIC CHIP | 680PF | 5% | 100V |
| CC060 | 1-100-156-91 | CERAMIC CHIP | 680PF | 5% | 100V |

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| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| | 1-860-494-11 | SP TM (E) BOARD | | | |
| | | *************** | | | |
| | | < CAPACITOR > | | | |
| CC063 | 1-100-156-91 | CERAMIC CHIP | 680PF | 5% | 100V |
| CC064 | 1-100-156-91 | CERAMIC CHIP | 680PF | 5% | 100V |

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| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| | 1-860-495-11 | SP TM (F) BOARD | | | |
| | | *************** | | | |
| | | < CAPACITOR > | | | |
| CC067 | 1-100-156-91 | CERAMIC CHIP | 680PF | 5% | 100V |
| CC068 | 1-100-156-91 | CERAMIC CHIP | 680PF | 5% | 100V |

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| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| | 1-860-496-11 | SP TM (G) BOARD | | | |
| | | *************** | | | |
| | | < CAPACITOR > | | | |
| CC071 | 1-100-156-91 | CERAMIC CHIP | 680PF | 5% | 100V |
| CC072 | 1-100-156-91 | CERAMIC CHIP | 680PF | 5% | 100V |

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| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| | 1-860-497-11 | SP TM (H) BOARD | | | |
| | | *************** | | | |
| | | < CAPACITOR > | | | |
| CC075 | 1-100-156-91 | CERAMIC CHIP | 680PF | 5% | 100V |
| CC076 | 1-100-156-91 | CERAMIC CHIP | 680PF | 5% | 100V |

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| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| | 1-860-498-11 | SP TM (I) BOARD | | | |
| | | *************** | | | |
| | | < CAPACITOR > | | | |
| CC079 | 1-100-156-91 | CERAMIC CHIP | 680PF | 5% | 100V |
| CC080 | 1-100-156-91 | CERAMIC CHIP | 680PF | 5% | 100V |

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| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| | 1-860-499-11 | SP TM (J) BOARD (US, CND) | | | |
| | | *************** | | | |
| | | < CAPACITOR > | | | |
| CC083 | 1-100-156-91 | CERAMIC CHIP | 680PF | 5% | 100V |
| CC084 | 1-100-156-91 | CERAMIC CHIP | 680PF | 5% | 100V |

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| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| | 1-860-500-11 | SP TM (K) BOARD (US, CND) | | | |
| | | *************** | | | |
| | | < CAPACITOR > | | | |
| CC087 | 1-100-156-91 | CERAMIC CHIP | 680PF | 5% | 100V |
| CC088 | 1-100-156-91 | CERAMIC CHIP | 680PF | 5% | 100V |

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| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| | 1-688-732-11 | THERMISTOR BOARD | | | |
| | | ****************** | | | |
| | | < THERMISTOR (POSITIVE) > | | | |
| THP901 | 1-817-728-11 | SENSOR, THERMISTOR | | | |

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| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| | A-4734-132-A | VIDEO BOARD, COMPLETE (US, CND) | | | |
| | A-4734-146-A | VIDEO BOARD, COMPLETE (TW, KR) | | | |
| | A-4734-159-A | VIDEO BOARD, COMPLETE (AEP) | | | |
| | | ********************** | | | |
| | | < CAPACITOR > | | | |
| C3201 | 1-216-295-00 | SHORT CHIP | 0 | | |
| C3202 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C3203 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C3204 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C3205 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C3206 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C3207 | 1-127-718-91 | ELECT | 100uF | 20% | 16V |
| C3208 | 1-163-021-11 | CERAMIC CHIP | 0.01uF | 10% | 50V |
| C3209 | 1-163-243-11 | CERAMIC CHIP | 47PF | 5% | 50V |
| C3311 | 1-126-962-11 | ELECT | 3.3uF | 20% | 50V |
| C3312 | 1-127-718-91 | ELECT | 100uF | 20% | 16V |
| C3313 | 1-126-916-11 | ELECT | 1000uF | 20% | 6.3V |
| C3314 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C3315 | 1-126-964-11 | ELECT | 10uF | 20% | 50V |
| C3321 | 1-163-021-11 | CERAMIC CHIP | 0.01uF | 10% | 50V |
| C3322 | 1-163-021-11 | CERAMIC CHIP | 0.01uF | 10% | 50V |
| C3323 | 1-119-824-11 | ELECT | 10uF | 20% | 50V |
| C3324 | 1-119-824-11 | ELECT | 10uF | 20% | 50V |
| C3325 | 1-119-824-11 | ELECT | 10uF | 20% | 50V |
| C3401 | 1-119-824-11 | ELECT | 10uF | 20% | 50V (US, CND) |
| C3402 | 1-119-824-11 | ELECT | 10uF | 20% | 50V |
| C3403 | 1-119-824-11 | ELECT | 10uF | 20% | 50V (US, CND) |
| C3404 | 1-119-824-11 | ELECT | 10uF | 20% | 50V |
| C3405 | 1-119-824-11 | ELECT | 10uF | 20% | 50V (US, CND) |
| C3406 | 1-119-824-11 | ELECT | 10uF | 20% | 50V |
| C3407 | 1-119-824-11 | ELECT | 10uF | 20% | 50V (US, CND) |
| C3408 | 1-119-824-11 | ELECT | 10uF | 20% | 50V |
| C3409 | 1-163-243-11 | CERAMIC CHIP | 47PF | 5% | 50V |
| C3410 | 1-163-243-11 | CERAMIC CHIP | 47PF | 5% | 50V |
| C3411 | 1-163-243-11 | CERAMIC CHIP | 47PF | 5% | 50V |
| C3421 | 1-128-830-11 | ELECT | 47uF | 20% | 10V (US, CND) |
| C3422 | 1-128-830-11 | ELECT | 47uF | 20% | 10V (US, CND) |
| C3423 | 1-163-038-00 | CERAMIC CHIP | 0.1uF | | 25V (US, CND) |
| C3424 | 1-164-161-11 | CERAMIC CHIP | 0.0022uF | 10% | 50V (US, CND) |
| C3425 | 1-164-161-11 | CERAMIC CHIP | 0.0022uF | 10% | 50V (US, CND) |

## VIDEO

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| C3426 | 1-163-243-11 | CERAMIC CHIP | 47PF | 5% | 50V (US, CND) |
| C3427 | 1-163-243-11 | CERAMIC CHIP | 47PF | 5% | 50V (US, CND) |
| C3428 | 1-119-824-11 | ELECT | 10uF | 20% | 50V (US, CND) |
| C3431 | 1-128-830-11 | ELECT | 47uF | 20% | 10V |
| C3432 | 1-128-830-11 | ELECT | 47uF | 20% | 10V |
| C3433 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C3434 | 1-164-161-11 | CERAMIC CHIP | 0.0022uF | 10% | 50V |
| C3435 | 1-164-161-11 | CERAMIC CHIP | 0.0022uF | 10% | 50V |
| C3436 | 1-119-824-11 | ELECT | 10uF | 20% | 50V |
| C3437 | 1-163-243-11 | CERAMIC CHIP | 47PF | 5% | 50V |
| C3438 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V |
| C3439 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C3440 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C3441 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C3442 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C3451 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C3452 | 1-119-823-11 | ELECT | 4.7uF | 20% | 50V |
| C3453 | 1-128-858-11 | ELECT | 22uF | 20% | 50V |
| C3454 | 1-127-720-91 | ELECT | 470uF | 20% | 16V |
| C3455 | 1-119-820-11 | ELECT | 1uF | 20% | 50V |
| C3456 | 1-119-820-11 | ELECT | 1uF | 20% | 50V |
| C3501 | 1-163-239-11 | CERAMIC CHIP | 33PF | 5% | 50V |
| C3502 | 1-163-227-11 | CERAMIC CHIP | 10PF | 0.5PF | 50V |
| C3503 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C3504 | 1-128-840-11 | ELECT | 47uF | 20% | 16V |
| C3505 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C3506 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V |
| C3507 | 1-119-824-11 | ELECT | 10uF | 20% | 50V |
| C3508 | 1-119-824-11 | ELECT | 10uF | 20% | 50V |
| C3509 | 1-163-021-11 | CERAMIC CHIP | 0.01uF | 10% | 50V |
| C3510 | 1-163-235-11 | CERAMIC CHIP | 22PF | 5% | 50V (EXCEPT AEP) |
| C3511 | 1-163-091-00 | CERAMIC CHIP | 8PF | 0.25PF | 50V (EXCEPT AEP) |
| C3512 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C3513 | 1-128-840-11 | ELECT | 47uF | 20% | 16V (AEP) |
| C3514 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V (AEP) |
| C3515 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V (AEP) |
| C3516 | 1-163-235-11 | CERAMIC CHIP | 22PF | 5% | 50V (AEP) |
| C3517 | 1-163-091-00 | CERAMIC CHIP | 8PF | 0.25PF | 50V (AEP) |
| C3518 | 1-163-091-00 | CERAMIC CHIP | 8PF | 0.25PF | 50V (AEP) |
| C3519 | 1-163-235-11 | CERAMIC CHIP | 22PF | 5% | 50V (AEP) |
| C3521 | 1-128-834-11 | ELECT | 470uF | 20% | 10V |
| C3522 | 1-128-834-11 | ELECT | 470uF | 20% | 10V |
| C3523 | 1-128-834-11 | ELECT | 470uF | 20% | 10V |
| C3524 | 1-128-840-11 | ELECT | 47uF | 20% | 16V |
| C3525 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C3601 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C3602 | 1-163-009-11 | CERAMIC CHIP | 0.001uF | 10% | 50V |
| C3603 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C3604 | 1-163-037-11 | CERAMIC CHIP | 0.022uF | 10% | 50V |
| C3605 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C3606 | 1-119-824-11 | ELECT | 10uF | 20% | 50V |
| C3607 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C3608 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C3609 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C3610 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C3611 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C3612 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C3613 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C3614 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C3615 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C3616 | 1-127-718-91 | ELECT | 100uF | 20% | 16V |
| C3617 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C3621 | 1-163-231-11 | CERAMIC CHIP | 15PF | 5% | 50V |
| C3622 | 1-127-718-91 | ELECT | 100uF | 20% | 16V |
| C3623 | 1-119-824-11 | ELECT | 10uF | 20% | 50V |
| C3631 | 1-163-231-11 | CERAMIC CHIP | 15PF | 5% | 50V |
| C3632 | 1-136-153-00 | MYLAR | 0.01uF | 5% | 50V |
| C3633 | 1-136-165-00 | MYLAR | 0.1uF | 5% | 50V |
| C3641 | 1-119-823-11 | ELECT | 4.7uF | 20% | 50V |
| C3643 | 1-119-823-11 | ELECT | 4.7uF | 20% | 50V |
| C3644 | 1-128-858-11 | ELECT | 22uF | 20% | 50V |
| C3645 | 1-127-718-91 | ELECT | 100uF | 20% | 16V |
| C3646 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C3647 | 1-119-824-11 | ELECT | 10uF | 20% | 50V |
| C3648 | 1-163-234-11 | CERAMIC CHIP | 20PF | 5% | 50V |
| C3649 | 1-128-858-11 | ELECT | 22uF | 20% | 50V |
| C3651 | 1-164-161-11 | CERAMIC CHIP | 0.0022uF | 10% | 50V |
| C3652 | 1-164-161-11 | CERAMIC CHIP | 0.0022uF | 10% | 50V |
| C3653 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C3661 | 1-164-161-11 | CERAMIC CHIP | 0.0022uF | 10% | 50V |
| C3662 | 1-164-161-11 | CERAMIC CHIP | 0.0022uF | 10% | 50V |
| C3663 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C3671 | 1-119-823-11 | ELECT | 4.7uF | 20% | 50V |
| C3672 | 1-127-718-91 | ELECT | 100uF | 20% | 16V |
| C3673 | 1-119-823-11 | ELECT | 4.7uF | 20% | 50V |
| C3674 | 1-128-858-11 | ELECT | 22uF | 20% | 50V |
| C3675 | 1-127-718-91 | ELECT | 100uF | 20% | 16V |
| C3676 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C3701 | 1-119-820-11 | ELECT | 1uF | 20% | 50V |
| C3702 | 1-119-820-11 | ELECT | 1uF | 20% | 50V |
| C3703 | 1-136-165-00 | MYLAR | 0.1uF | 5% | 50V |
| C3704 | 1-136-165-00 | MYLAR | 0.1uF | 5% | 50V |
| C3705 | 1-136-165-00 | MYLAR | 0.1uF | 5% | 50V |
| C3706 | 1-136-165-00 | MYLAR | 0.1uF | 5% | 50V |
| C3707 | 1-163-231-11 | CERAMIC CHIP | 15PF | 5% | 50V |
| C3708 | 1-163-231-11 | CERAMIC CHIP | 15PF | 5% | 50V |
| C3709 | 1-128-854-11 | ELECT | 0.47uF | 20% | 50V |
| C3710 | 1-163-133-00 | CERAMIC CHIP | 470PF | 5% | 50V |
| C3711 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C3712 | 1-127-718-91 | ELECT | 100uF | 20% | 16V |
| C3713 | 1-119-819-31 | ELECT | 0.47uF | 20% | 50V |
| C3714 | 1-119-820-11 | ELECT | 1uF | 20% | 50V |
| C3715 | 1-163-017-00 | CERAMIC CHIP | 0.0047uF | 10% | 50V |
| C3717 | 1-119-819-31 | ELECT | 0.47uF | 20% | 50V |
| C3718 | 1-163-021-11 | CERAMIC CHIP | 0.01uF | 10% | 50V |

## VIDEO

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| C3719 | 1-119-820-11 | ELECT | 1uF | 20% | 50V |
| C3720 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V |
| C3721 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C3722 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V |
| C3724 | 1-127-718-91 | ELECT | 100uF | 20% | 16V |
| C3725 | 1-128-840-11 | ELECT | 47uF | 20% | 16V |
| C3726 | 1-163-021-11 | CERAMIC CHIP | 0.01uF | 10% | 50V |
| C3731 | 1-126-962-11 | ELECT | 3.3uF | 20% | 50V |
| C3732 | 1-127-718-91 | ELECT | 100uF | 20% | 16V |
| C3733 | 1-126-916-11 | ELECT | 1000uF | 20% | 6.3V |
| C3734 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C3741 | 1-119-823-11 | ELECT | 4.7uF | 20% | 50V |
| C3743 | 1-119-823-11 | ELECT | 4.7uF | 20% | 50V |
| C3744 | 1-128-858-11 | ELECT | 22uF | 20% | 50V |
| C3745 | 1-127-718-91 | ELECT | 100uF | 20% | 16V |
| C3746 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C3751 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C3752 | 1-164-161-11 | CERAMIC CHIP | 0.0022uF | 10% | 50V |
| C3753 | 1-164-161-11 | CERAMIC CHIP | 0.0022uF | 10% | 50V |
| C3801 | 1-127-718-91 | ELECT | 100uF | 20% | 16V |
| C3802 | 1-136-169-00 | MYLAR | 0.22uF | 5% | 50V |
| C3803 | 1-127-718-91 | ELECT | 100uF | 20% | 16V |
| C3804 | 1-136-169-00 | MYLAR | 0.22uF | 5% | 50V |
| C3805 | 1-127-718-91 | ELECT | 100uF | 20% | 16V |
| C3806 | 1-136-169-00 | MYLAR | 0.22uF | 5% | 50V |
| C3811 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C3812 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C3813 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| | | < CONNECTOR > | | | |
| CN3801 | 1-794-003-11 | CONNECTOR 15P | | | |
| CN3802 | 1-568-826-11 | CONNECTOR, FFC 7P (US, CND) | | | |
| CN3803 | 1-691-766-11 | PLUG (MICRO CONNECTOR) 4P | | | |
| CN3804 | 1-784-778-11 | CONNECTOR, FFC 17P | | | |
| CN3806 | 1-794-002-11 | CONNECTOR 13P | | | |
| | | < TRIMMER > | | | |
| CT3501 | 1-141-442-91 | CAP, CERAMIC TRIMMER | | | |
| CT3502 | 1-141-442-91 | CAP, CERAMIC TRIMMER (EXCEPT AEP) | | | |
| CT3503 | 1-141-442-91 | CAP, CERAMIC TRIMMER (AEP) | | | |
| CT3504 | 1-141-442-91 | CAP, CERAMIC TRIMMER (AEP) | | | |
| | | < DIODE > | | | |
| D3301 | 8-719-988-61 | DIODE 1SS355TE-17 | | | |
| D3302 | 8-719-988-61 | DIODE 1SS355TE-17 | | | |
| D3303 | 8-719-988-61 | DIODE 1SS355TE-17 | | | |
| D3311 | 8-719-988-61 | DIODE 1SS355TE-17 | | | |
| D3312 | 8-719-988-61 | DIODE 1SS355TE-17 | | | |
| D3421 | 8-719-988-61 | DIODE 1SS355TE-17 (US, CND) | | | |
| D3422 | 8-719-988-61 | DIODE 1SS355TE-17 (US, CND) | | | |
| D3731 | 8-719-988-61 | DIODE 1SS355TE-17 | | | |
| D3732 | 8-719-988-61 | DIODE 1SS355TE-17 | | | |
| | | < FERRITE BEAD > | | | |
| FB3201 | 1-469-152-11 | FERRITE, EMI (SMD) (2012) | | | |
| FB3501 | 1-469-152-11 | FERRITE, EMI (SMD) (2012) (AEP) | | | |
| FB3502 | 1-414-813-11 | FERRITE, EMI (SMD) (2012) (AEP) | | | |
| FB3601 | 1-469-152-11 | FERRITE, EMI (SMD) (2012) | | | |
| FB3602 | 1-469-152-11 | FERRITE, EMI (SMD) (2012) | | | |

| Ref. No. | Part No. | Description | Remark |
|---|---|---|---|
| FB3603 | 1-469-152-11 | FERRITE, EMI (SMD) (2012) | |
| FB3661 | 1-469-152-11 | FERRITE, EMI (SMD) (2012) | |
| FB3751 | 1-469-152-11 | FERRITE, EMI (SMD) (2012) | |
| FB3801 | 1-469-152-11 | FERRITE, EMI (SMD) (2012) | |
| | | < FILTER > | |
| FL3621 | 1-239-847-11 | FILTER, LOW PASS | |
| FL3631 | 1-239-847-11 | FILTER, LOW PASS | |
| | | < IC > | |
| IC3201 | 8-759-663-90 | IC ADM3222ARU-REEL | |
| IC3311 | 8-759-822-05 | IC LA7213 | |
| IC3321 | 8-759-663-94 | IC LA7106M-TLM | |
| IC3421 | 8-759-536-24 | IC NJM-2296M-TE2 (US, CND) | |
| IC3431 | 8-759-536-24 | IC NJM-2296M-TE2 | |
| IC3451 | 8-759-177-02 | IC NJM2267M (TE2) | |
| IC3501 | 6-700-367-01 | IC MB90089PF-G-238-BND | |
| IC3502 | 8-759-032-01 | IC MC74HC00AF (AEP) | |
| IC3503 | 8-759-242-70 | IC TC7WU04F (AEP) | |
| IC3521 | 8-759-682-76 | IC BA7622F-E2-A | |
| IC3601 | 8-752-386-17 | IC CXD2064Q | |
| IC3641 | 8-759-177-02 | IC NJM2267M (TE2) | |
| IC3651 | 8-759-671-94 | IC MC74HC4053AFEL | |
| IC3661 | 8-759-671-94 | IC MC74HC4053AFEL | |
| IC3671 | 8-759-429-17 | IC NJM2268V (TE2) | |
| IC3701 | 8-752-109-74 | IC CXA2199Q | |
| IC3702 | 8-759-445-59 | IC BA033T | |
| IC3721 | 8-759-565-20 | IC TDA4662T-V2 | |
| IC3731 | 8-759-822-05 | IC LA7213 | |
| IC3741 | 8-759-429-17 | IC NJM2268V (TE2) | |
| IC3751 | 8-759-671-94 | IC MC74HC4053AFEL | |
| IC3811 | 8-759-238-47 | IC TC74HCT7007AF(EL) | |
| IC3812 | 8-759-233-44 | IC TC74HC595AF | |
| IC3813 | 8-759-233-44 | IC TC74HC595AF | |
| | | < CONNECTOR/JACK > | |
| J3201 | 1-815-737-11 | CONNECTOR, (D) SUB 9P (RS-232C) | |
| J3202 | 1-563-330-11 | JACK (C TRL A1 II) | |
| J3301 | 1-817-601-11 | JACK, PIN 3P (COMPONENT VIDEO MONITOR OUT) | |
| J3302 | 1-817-601-11 | JACK, PIN 3P (COMPONENT VIDEO, TV IN) | |
| J3303 | 1-817-601-11 | JACK, PIN 4P (COMPONENT VIDEO, DVD IN) | |
| J3401 | 1-770-337-11 | JACK, PIN 3P (MONITOR OUT VIDEO, TV/SAT VIDEOIN, DVD VIDEO IN) | |
| J3402 | 1-770-337-11 | JACK, PIN 3P (VIDEO2 VIDEO OUT, VIDEO2 VIDEO IN, VIDEO1 VIDEO OUT) | |
| J3403 | 1-518-043-11 | JACK, PIN 2P (VIDEO1 VIDEO IN, 2ND ZONE VIDEO OUT) (US, CND) | |
| J3403 | 1-774-227-11 | JACK, PIN 1P (VIDEO1 VIDEO IN) (EXCEPT US, CND) | |
| | | < COIL > | |
| L3421 | 1-410-482-31 | MICRO INDUCTOR 100uH | (US, CND) |
| L3422 | 1-410-482-31 | MICRO INDUCTOR 100uH | (US, CND) |
| L3431 | 1-410-482-31 | MICRO INDUCTOR 100uH | |
| L3432 | 1-410-482-31 | MICRO INDUCTOR 100uH | |
| L3501 | 1-408-781-00 | CHIP INDUCTOR 22uH | |

## VIDEO

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| L3601 | 1-410-946-31 | CHIP INDUCTOR | 22uH | | |
| | | < TRANSISTOR > | | | |
| Q3301 | 8-729-230-49 | TRANSISTOR | 2SC2712-YG | | |
| Q3302 | 8-729-230-49 | TRANSISTOR | 2SC2712-YG | | |
| Q3303 | 8-729-230-49 | TRANSISTOR | 2SC2712-YG | | |
| Q3311 | 1-801-806-11 | TRANSISTOR | DTC144EKA | | |
| Q3621 | 8-729-216-22 | TRANSISTOR | 2SA1162-G | | |
| Q3622 | 8-729-230-49 | TRANSISTOR | 2SC2712-YG | | |
| Q3631 | 8-729-216-22 | TRANSISTOR | 2SA1162-G | | |
| Q3632 | 8-729-230-49 | TRANSISTOR | 2SC2712-YG | | |
| Q3641 | 8-729-216-22 | TRANSISTOR | 2SA1162-G | | |
| Q3651 | 8-729-140-97 | TRANSISTOR | 2SB734-34 | | |
| Q3652 | 8-729-027-43 | TRANSISTOR | DTC114EKA-T146 | | |
| Q3701 | 8-729-216-22 | TRANSISTOR | 2SA1162-G | | |
| Q3731 | 1-801-806-11 | TRANSISTOR | DTC144EKA | | |
| | | < RESISTOR > | | | |
| R3201 | 1-216-025-11 | RES-CHIP | 100 | 5% | 1/10W |
| R3202 | 1-216-025-11 | RES-CHIP | 100 | 5% | 1/10W |
| R3301 | 1-216-022-00 | RES-CHIP | 75 | 5% | 1/10W |
| R3302 | 1-216-022-00 | RES-CHIP | 75 | 5% | 1/10W |
| R3303 | 1-216-022-00 | RES-CHIP | 75 | 5% | 1/10W |
| R3304 | 1-216-057-00 | RES-CHIP | 2.2K | 5% | 1/10W |
| R3305 | 1-216-073-00 | RES-CHIP | 1K | 5% | 1/10W |
| R3306 | 1-216-065-00 | RES-CHIP | 4.7K | 5% | 1/10W |
| R3307 | 1-216-073-00 | RES-CHIP | 1K | 5% | 1/10W |
| R3308 | 1-216-065-00 | RES-CHIP | 4.7K | 5% | 1/10W |
| R3310 | 1-216-073-00 | RES-CHIP | 1K | 5% | 1/10W |
| R3311 | 1-216-037-00 | RES-CHIP | 330 | 5% | 1/10W |
| R3312 | 1-216-101-00 | RES-CHIP | 150K | 5% | 1/10W |
| R3313 | 1-216-065-00 | RES-CHIP | 4.7K | 5% | 1/10W |
| R3314 | 1-216-057-00 | RES-CHIP | 2.2K | 5% | 1/10W |
| R3315 | 1-216-295-00 | SHORT CHIP | 0 | | |
| R3316 | 1-216-295-00 | SHORT CHIP | 0 | | |
| R3317 | 1-216-295-00 | SHORT CHIP | 0 | | |
| ⚠R3318 | 1-249-393-11 | CARBON | 10 | 5% | 1/4W F |
| ⚠R3319 | 1-249-393-11 | CARBON | 10 | 5% | 1/4W F |
| R3323 | 1-216-073-00 | RES-CHIP | 1K | 5% | 1/10W |
| R3324 | 1-216-073-00 | RES-CHIP | 1K | 5% | 1/10W |
| R3325 | 1-216-073-00 | RES-CHIP | 1K | 5% | 1/10W |
| R3401 | 1-216-295-00 | SHORT CHIP | 0 | | |
| R3402 | 1-216-295-00 | SHORT CHIP | 0 | | |
| R3403 | 1-216-295-00 | SHORT CHIP | 0 | | |
| R3404 | 1-216-049-11 | RES-CHIP | 1K | 5% | 1/10W |
| R3405 | 1-216-022-00 | RES-CHIP | 75 | 5% | 1/10W |
| R3406 | 1-216-022-00 | RES-CHIP | 75 | 5% | 1/10W |
| R3407 | 1-216-022-00 | RES-CHIP | 75 | 5% | 1/10W |
| R3408 | 1-216-022-00 | RES-CHIP | 75 | 5% | 1/10W |
| R3409 | 1-216-022-00 | RES-CHIP | 75 | 5% | 1/10W |
| R3410 | 1-216-022-00 | RES-CHIP | 75 | 5% | 1/10W |
| R3411 | 1-216-022-00 | RES-CHIP | 75 | 5% | 1/10W |
| R3412 | 1-216-022-00 | RES-CHIP | 75 | 5% | 1/10W |
| | | | | | (US, CND) |
| R3421 | 1-216-022-00 | RES-CHIP | 75 | 5% | 1/10W |
| | | | | | (US, CND) |
| R3422 | 1-216-022-00 | RES-CHIP | 75 | 5% | 1/10W |
| | | | | | (US, CND) |
| R3423 | 1-216-097-11 | RES-CHIP | 100K | 5% | 1/10W |
| | | | | | (US, CND) |
| R3431 | 1-216-022-00 | RES-CHIP | 75 | 5% | 1/10W |
| R3432 | 1-216-022-00 | RES-CHIP | 75 | 5% | 1/10W |
| R3451 | 1-216-121-11 | RES-CHIP | 1M | 5% | 1/10W |
| R3452 | 1-216-121-11 | RES-CHIP | 1M | 5% | 1/10W |
| R3501 | 1-216-065-00 | RES-CHIP | 4.7K | 5% | 1/10W |
| R3502 | 1-216-035-00 | RES-CHIP | 270 | 5% | 1/10W |
| | | | | | (EXCEPT AEP) |
| R3503 | 1-216-025-11 | RES-CHIP | 100 | 5% | 1/10W |
| | | | | | (AEP) |
| R3504 | 1-216-025-11 | RES-CHIP | 100 | 5% | 1/10W |
| | | | | | (AEP) |
| R3505 | 1-216-035-00 | RES-CHIP | 270 | 5% | 1/10W |
| | | | | | (AEP) |
| R3506 | 1-216-121-11 | RES-CHIP | 1M | 5% | 1/10W |
| | | | | | (AEP) |
| R3507 | 1-216-121-11 | RES-CHIP | 1M | 5% | 1/10W |
| | | | | | (AEP) |
| R3508 | 1-216-035-00 | RES-CHIP | 270 | 5% | 1/10W |
| | | | | | (AEP) |
| R3509 | 1-216-025-11 | RES-CHIP | 100 | 5% | 1/10W |
| | | | | | (AEP) |
| R3521 | 1-216-022-00 | RES-CHIP | 75 | 5% | 1/10W |
| R3522 | 1-216-022-00 | RES-CHIP | 75 | 5% | 1/10W |
| R3523 | 1-216-022-00 | RES-CHIP | 75 | 5% | 1/10W |
| R3524 | 1-216-022-00 | RES-CHIP | 75 | 5% | 1/10W |
| R3525 | 1-216-022-00 | RES-CHIP | 75 | 5% | 1/10W |
| R3526 | 1-216-022-00 | RES-CHIP | 75 | 5% | 1/10W |
| R3603 | 1-216-091-00 | RES-CHIP | 56K | 5% | 1/10W |
| R3604 | 1-216-043-00 | RES-CHIP | 560 | 5% | 1/10W |
| R3605 | 1-216-061-00 | RES-CHIP | 3.3K | 5% | 1/10W |
| R3606 | 1-216-057-00 | RES-CHIP | 2.2K | 5% | 1/10W |
| R3607 | 1-216-059-00 | RES-CHIP | 2.7K | 5% | 1/10W |
| R3621 | 1-216-029-00 | RES-CHIP | 150 | 5% | 1/10W |
| R3622 | 1-216-025-11 | RES-CHIP | 100 | 5% | 1/10W |
| R3623 | 1-216-049-11 | RES-CHIP | 1K | 5% | 1/10W |
| R3624 | 1-216-043-00 | RES-CHIP | 560 | 5% | 1/10W |
| R3625 | 1-216-067-00 | RES-CHIP | 5.6K | 5% | 1/10W |
| R3626 | 1-216-085-00 | RES-CHIP | 33K | 5% | 1/10W |
| R3627 | 1-216-081-00 | RES-CHIP | 22K | 5% | 1/10W |
| R3628 | 1-216-049-11 | RES-CHIP | 1K | 5% | 1/10W |
| R3629 | 1-216-073-00 | RES-CHIP | 1K | 5% | 1/10W |
| R3631 | 1-216-029-00 | RES-CHIP | 150 | 5% | 1/10W |
| R3632 | 1-216-025-11 | RES-CHIP | 100 | 5% | 1/10W |
| R3633 | 1-216-049-11 | RES-CHIP | 1K | 5% | 1/10W |
| R3634 | 1-216-043-00 | RES-CHIP | 560 | 5% | 1/10W |
| R3635 | 1-216-067-00 | RES-CHIP | 5.6K | 5% | 1/10W |
| R3636 | 1-216-085-00 | RES-CHIP | 33K | 5% | 1/10W |
| R3637 | 1-216-081-00 | RES-CHIP | 22K | 5% | 1/10W |
| R3638 | 1-216-049-11 | RES-CHIP | 1K | 5% | 1/10W |
| R3639 | 1-216-073-00 | RES-CHIP | 1K | 5% | 1/10W |
| R3641 | 1-216-121-11 | RES-CHIP | 1M | 5% | 1/10W |
| R3642 | 1-216-121-11 | RES-CHIP | 1M | 5% | 1/10W |
| R3643 | 1-216-017-00 | RES-CHIP | 47 | 5% | 1/10W |
| R3644 | 1-216-025-11 | RES-CHIP | 100 | 5% | 1/10W |
| R3645 | 1-216-033-00 | RES-CHIP | 220 | 5% | 1/10W |

| The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified. | Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié. |
|---|---|

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| R3646 | 1-216-085-00 | RES-CHIP | 33K | 5% | 1/10W |
| R3647 | 1-216-081-00 | RES-CHIP | 22K | 5% | 1/10W |
| R3648 | 1-216-053-00 | RES-CHIP | 1.5K | 5% | 1/10W |
| R3649 | 1-216-025-11 | RES-CHIP | 100 | 5% | 1/10W |
| R3651 | 1-216-073-00 | RES-CHIP | 1K | 5% | 1/10W |
| R3652 | 1-216-057-00 | RES-CHIP | 2.2K | 5% | 1/10W |
| R3671 | 1-216-121-11 | RES-CHIP | 1M | 5% | 1/10W |
| R3701 | 1-216-053-00 | RES-CHIP | 1.5K | 5% | 1/10W |
| R3702 | 1-216-041-00 | RES-CHIP | 470 | 5% | 1/10W |
| R3703 | 1-216-077-00 | RES-CHIP | 15K | 5% | 1/10W |
| R3704 | 1-216-089-11 | RES-CHIP | 47K | 5% | 1/10W |
| R3705 | 1-216-025-11 | RES-CHIP | 100 | 5% | 1/10W |
| R3706 | 1-216-025-11 | RES-CHIP | 100 | 5% | 1/10W |
| R3707 | 1-216-025-11 | RES-CHIP | 100 | 5% | 1/10W |
| R3708 | 1-216-033-00 | RES-CHIP | 220 | 5% | 1/10W |
| R3709 | 1-216-109-00 | RES-CHIP | 330K | 5% | 1/10W |
| R3710 | 1-216-037-00 | RES-CHIP | 330 | 5% | 1/10W |
| R3711 | 1-216-071-00 | RES-CHIP | 8.2K | 5% | 1/10W |
| R3712 | 1-216-073-00 | RES-CHIP | 1K | 5% | 1/10W |
| R3713 | 1-216-057-00 | RES-CHIP | 2.2K | 5% | 1/10W |
| R3714 | 1-216-061-00 | RES-CHIP | 3.3K | 5% | 1/10W |
| R3715 | 1-216-061-00 | RES-CHIP | 3.3K | 5% | 1/10W |
| R3716 | 1-216-061-00 | RES-CHIP | 3.3K | 5% | 1/10W |
| R3731 | 1-216-037-00 | RES-CHIP | 330 | 5% | 1/10W |
| R3732 | 1-216-101-00 | RES-CHIP | 150K | 5% | 1/10W |
| R3733 | 1-216-065-00 | RES-CHIP | 4.7K | 5% | 1/10W |
| R3734 | 1-216-081-00 | RES-CHIP | 22K | 5% | 1/10W |
| R3735 | 1-216-049-11 | RES-CHIP | 1K | 5% | 1/10W |
| R3741 | 1-216-121-11 | RES-CHIP | 1M | 5% | 1/10W |
| | | < RELAY > | | | |
| RY3301 | 1-755-359-11 | RELAY | | | |
| RY3302 | 1-755-359-11 | RELAY | | | |
| RY3303 | 1-755-359-11 | RELAY | | | |
| RY3304 | 1-755-359-11 | RELAY | | | |
| RY3305 | 1-755-359-11 | RELAY | | | |
| RY3306 | 1-755-359-11 | RELAY | | | |
| | | < CONNECTOR > | | | |
| TP3501 | 1-784-921-11 | PIN, CONNECTOR 4P | | | |
| | | < VIBRATOR > | | | |
| X3501 | 1-781-821-21 | VIBRATOR, CRYSTAL (14.31MHz) (EXCEPT AEP) | | | |
| X3502 | 1-781-821-21 | VIBRATOR, CRYSTAL (14.31MHz) (AEP) | | | |
| X3503 | 1-781-820-21 | VIBRATOR, CRYSTAL (17.437MHz) (AEP) | | | |
| X3701 | 1-781-342-21 | OSCILLATOR, CRYSTAL (3.5795MHz) | | | |
| X3702 | 1-781-134-21 | VIBRATOR, CRYSTAL (4.43MHz) | | | |
| X3703 | 1-577-611-11 | OSCILALTOR, CERAMIC (500kHz) | | | |

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| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| | A-4733-994-A | VIDEO3 BOARD, COMPLETE<br>********************** | | | |
| | | < CAPACITOR/SHORT > | | | |
| C1028 | 1-165-319-11 | CERAMIC CHIP | 0.1uF | | 50V |
| C1029 | 1-163-009-11 | CERAMIC CHIP | 0.001uF | 10% | 50V |
| C1030 | 1-163-009-11 | CERAMIC CHIP | 0.001uF | 10% | 50V |
| C1032 | 1-163-009-11 | CERAMIC CHIP | 0.001uF | 10% | 50V |
| C1035 | 1-216-295-00 | SHORT CHIP | 0 | | |
| C1036 | 1-216-295-00 | SHORT CHIP | 0 | | |
| C1037 | 1-216-295-00 | SHORT CHIP | 0 | | |
| | | < CONNECTOR > | | | |
| * CN1019 | 1-564-728-11 | PIN, CONNECTOR (SMALL TYPE) 12P | | | |
| | | < GROUND TERMINAL > | | | |
| * EB1002 | 1-537-738-21 | TERMINAL, EARTH | | | |
| | | < IC > | | | |
| IC1006 | 6-600-219-01 | IC GP1FM313RZ0F (VIDEO3 INPUT, VIDEO3 OPTICAL) | | | |
| | | < JACK/TERMINAL > | | | |
| J1002 | 1-770-571-11 | JACK BLOCK, PIN (L TYPE) 3P (VIDEO3 INPUT, VIDEO3 VIDEO/AUDIO) | | | |
| J1003 | 1-784-808-11 | TERMINAL, S (VIDEO3 INPUT, S2 VIDEO) | | | |
| | | < RESISTOR > | | | |
| R1047 | 1-216-025-11 | RES-CHIP | 100 | 5% | 1/10W |
| R1048 | 1-216-025-11 | RES-CHIP | 100 | 5% | 1/10W |
| R1049 | 1-216-025-11 | RES-CHIP | 100 | 5% | 1/10W |
| R1050 | 1-216-022-00 | RES-CHIP | 75 | 5% | 1/10W |
| R1051 | 1-216-022-00 | RES-CHIP | 75 | 5% | 1/10W |
| R1052 | 1-216-022-00 | RES-CHIP | 75 | 5% | 1/10W |
| R1059 | 1-216-097-11 | RES-CHIP | 100K | 5% | 1/10W |
| R1060 | 1-216-097-11 | RES-CHIP | 100K | 5% | 1/10W |

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| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| | 1-688-727-11 | VOL BOARD<br>********* | | | |
| | | < CONNECTOR > | | | |
| * CN1004 | 1-564-719-11 | PIN, CONNECTOR (SMALL TYPE) 3P | | | |
| | | < ROTARY ENCODER > | | | |
| RV1007 | 1-477-382-11 | ENCODER, ROTARY (MASTER VOLUME) | | | |

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| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| | | MISCELLANEOUS<br>************** | | | |
| 60 | 1-500-249-21 | BEAD, FERRITE (CASE) (AEP, TW, KR) | | | |
| 70 | 1-827-364-11 | WIRE (FLAT TYPE) (23 CORE) | | | |
| 72 | 1-773-045-11 | WIRE (FLAT TYPE) (17 CORE) | | | |
| 154 | 1-469-969-11 | CLAMP, FERRITE (US, CND) | | | |
| 155 | 1-773-036-11 | WIRE (FLAT TYPE) (17 CORE) | | | |
| 156 | 1-769-878-11 | WIRE (FLAT TYPE) (7 CORE) (US, CND) | | | |
| 157 | 1-769-943-11 | WIRE (FLAT TYPE) (11 CORE) (US, CND, TW, KR) | | | |
| 157 | 1-773-007-11 | WIRE (FLAT TYPE) (15 CORE) (AEP) | | | |
| 160 | 1-400-061-11 | CORE, FERRITE (CLAMP FILTER) (US, CND) | | | |
| 204 | 1-500-472-11 | CORE, FERRITE | | | |
| * 206 | 1-500-169-11 | CORE (FPC) | | | |
| 207 | 1-773-390-11 | WIRE (FLAT TYPE) (35 CORE) | | | |
| 208 | 1-400-583-11 | CORE, FERRITE | | | |

| Ref. No. | Part No. | Description | Remark |
|---|---|---|---|
| 252 | 1-469-969-11 | CLAMP, FERRITE | |
| 254 | 1-500-037-11 | CORE, FERRITE (WITH CASE) | |
| 257 | 1-469-854-11 | CORE, FERRITE | |
| 258 | 1-773-221-11 | WIRE (FLAT TYPE) (25 CORE) | |
| 303 | 1-500-753-11 | CLAMP, FERRITE (EXCEPT US, CND) | |
| 304 | 1-469-969-11 | CLAMP, FERRITE (US, CND) | |
| 305 | 1-400-061-11 | CORE, FERRITE (CLAMP FILTER) (US, CND) | |
| IC904 | 8-759-231-53 | IC TA7805S | |
| IC905 | 8-759-394-36 | IC BA09T | |
| IC906 | 8-759-245-79 | IC TA79005S | |
| IC909 | 8-759-445-59 | IC BA033T | |
| IC910 | 8-759-231-53 | IC TA7805S | |
| Q904 | 6-550-625-01 | TRANSISTOR 2SK1381 | |
| Q909 | 6-702-390-01 | IC MN2488-OPY-MK | |
| TU2051 | 1-693-577-21 | TUNER (US, CND) | |
| TU2051 | 1-693-578-21 | TUNER (AEP) | |
| TU2051 | 1-693-580-23 | TUNER (TW, KR) | |

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ACCESSORIES
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| Ref. No. | Part No. | Description | Remark |
|---|---|---|---|
| | 1-400-550-11 | FILTER, CLAMP | |
| | 1-477-843-11 | COMMANDER, STANDARD (RM-LG112) | |
| | 1-478-000-11 | COMMANDER, STANDARD (RM-US106) (US, CND) | |
| | 1-501-374-12 | ANTENNA, LOOP (AM) | |
| | 1-501-594-14 | ANTENNA (FM) (AEP, TW) | |
| ⚠ | 1-551-631-22 | CORD, POWER (AEP) | |
| ⚠ | 1-790-396-12 | CORD, POWER (TW) | |
| | 1-793-184-23 | CONNECTOR (F TYPE ADAPTOR) (US, CND, TW, KR) | |
| ⚠ | 1-823-512-12 | CORD, POWER (US, CND) | |
| ⚠ | 1-824-326-11 | POWER-SUPPLY CORD (KR) | |
| | 3-071-119-01 | COVER, BATTERY (for RM-LG112) | |
| | 4-228-696-01 | COVER, BATTERY (for RM-US106) (US, CND) | |
| | 4-247-188-12 | MANUAL, INSTRUCTION (ENGLISH) (EXCEPT KR) | |
| | 4-247-188-22 | MANUAL, INSTRUCTION (FRENCH) (CND, AEP) | |
| | 4-247-188-32 | MANUAL, INSTRUCTION (SPANISH) (AEP) | |
| | 4-247-188-42 | MANUAL, INSTRUCTION (GERMAN, DUTCH, ITALIAN) (AEP) | |
| | 4-247-188-52 | MANUAL, INSTRUCTION (SWEDISH, POLISH) (AEP) | |
| | 4-247-188-61 | MANUAL, INSTRUCTION (TRADITIONAL CHINESE, SIMPLIFIED CHINESE) (TW) | |
| | 4-247-188-71 | MANUAL, INSTRUCTION (KOREAN) (KR) | |
| | 4-247-232-11 | MANUAL, INSTRUCTION (PORTUGUESE)(AEP) | |
| | 4-247-232-21 | MANUAL, INSTRUCTION (DANISH, FINNISH) (AEP) | |
| | 4-247-232-31 | MANUAL, INSTRUCTION (RUSSIAN) (AEP) | |
| | 4-247-232-41 | MANUAL, INSTRUCTION (GREEK) (AEP) | |
| | 4-247-232-51 | MANUAL, INSTRUCTION (HUNGARIAN, CZECK) (AEP) | |
| | 4-247-232-61 | MANUAL, INSTRUCTION (SLOVAKIAN) (AEP) | |
| | 4-247-234-11 | MANUAL, INSTRUCTION, INSTALL (ENGLISH, FRENCH) (US, CND) | |
| | 4-247-234-21 | MANUAL, INSTRUCTION, INSTALL (ENGLISH, FRENCH, SPANISH) (AEP, TW) | |
| | 4-247-234-31 | MANUAL, INSTRUCTION, INSTALL (GERMAN, DUTCH, ITALIAN) (AEP) | |
| | 4-247-234-41 | MANUAL, INSTRUCTION, INSTALL (SWEDISH, POLISH) (AEP) | |
| | 4-247-234-51 | MANUAL, INSTRUCTION, INSTALL (TRADITIONAL CHINESE, KOREAN) (TW, KR) | |
| | 4-247-234-61 | MANUAL, INSTRUCTION, INSTALL (PORTUGUESE, DANISH, FINNISH, RUSSIAN) (AEP) | |
| | 4-247-234-71 | MANUAL, INSTRUCTION, INSTALL (GREEK, HUNGARIAN, CZECK, SLOVAKIAN) (AEP) | |
| | 4-247-243-61 | MANUAL, INSTRUCTION (PORTUGUESE, DANISH, FINNISH, RUSSIAN) (AEP) | |
| | 4-247-243-71 | MANUAL, INSTRUCTION (GREEK, HUNGARIAN, CZECK, SLOVAKIAN) (AEP) | |
| | 4-247-238-11 | MANUAL, INSTRUCTION (RM-US106) (ENGLISH, FRENCH) (US, CND) | |
| | 4-249-323-11 | MANUAL, INSTRUCTION (RM-LG112) (ENGLISH) (EXCEPT KR) | |
| | 4-249-323-21 | MANUAL, INSTRUCTION (RM-LG112) (FRENCH) (CND, AEP) | |
| | 4-249-323-31 | MANUAL, INSTRUCTION (RM-LG112) (SPANISH, GERMAN, DUTCH, ITALIAN, SWEDISH, POLISH) (AEP) | |
| | 4-249-323-41 | MANUAL, INSTRUCTION (RM-LG112) (TRADITIONAL CHINESE) (TW) | |
| | 4-249-323-51 | MANUAL, INSTRUCTION (RM-LG112) (KOREAN) (KR) | |
| | 4-251-318-01 | COVER, PROTECTION | |
| * | 4-950-766-01 | LABEL, FCC DIGITAL DEVICE (US) | |

| | |
|---|---|
| The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified. | Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié. |

# STR-DA3000ES

SONY®

# SERVICE MANUAL

US Model
Canadian Model
AEP Model
E Model

Ver 1.1 2004.09

## SUPPLEMENT-1

| Subject: Addition of “SPECIAL MENU MODE” |
|---|

9-961-109-81

## SPECIAL MENU MODE

**Procedure:**

1. Press the I/⏻ button to turn on the main power, then while pressing the MEMORY/ENTER button, press the MOVIE button in order.
2. The message "MENU EXPANDED !" appears.
3. Each time the MENU dial is turned clockwise, the item is switched in order as follows.
4. To release from this mode, while pressing the MEMORY/ENTER button, press the MOVIE button in order again.
5. The message "MENU EXPAND OFF" appears.

| Items | Display | Remark |
|---|---|---|
| Protector on/off | SPECIAL<br>PROTECTOR ON/OFF [XXX] | XXX: ON or OFF (switching with –/+ dial) |
| Model version display | SPECIAL<br>#### ∗∗∗∗ vX.XX @@@@ | ####: model<br>∗∗∗∗: destination<br>X.XX: main microprocessor software version<br>@@@@: Sum value of flash memory in the main microprocessor |
| Model/distination change | SPECIAL<br>MODEL [#### ∗∗∗∗] XX | ####: model, ∗∗∗∗: destination, XX: at or fx<br>(switching with –/+ dial) |
| FL display fonts test | SPECIAL<br>FL FONT 0x∗∗ = [X] | ∗∗: 20 to 1F, X: character (switching with –/+ dial) |
| FL display test | ALL ON | Each time DISPLAY button to change as follows.<br>all on → test pattern 1 → test pattern 2 → all off → all on |
| Audio swap | SPECIAL<br>SWAP [XXXXXXXXXXX] | Switching with –/+ dial |
| DSP reset | SPECIAL<br>DSP RESET [XXX] | XXX: ON or OFF (switching with –/+ dial)<br>Note: Since it continues being reset when "DSP RESET [ON]" is chosen, be sure to return to "DSP RESET [OFF]" |
| DSP 1 IRAM | DSP 1 IRAM<br>I [∗∗∗∗∗]= XXXX | The umbers which can be changed will blinks<br>To select the digit: Press the TUNING + or TUNING – button<br>To select the number when the umbers (∗∗∗∗∗ or XXXX) blinks: Rotate the –/+ dial<br>To perform the write when the umbers (XXXX) blinks: Press the MEMORY/ENTER button<br>∗∗∗∗∗: instruction RAM address<br>XXXX: instruction RAM address data<br>Note: When parenthesis is the position of instruction RAM address data, up/down of the menu item by the MENU dial are invalid |
| DSP 1 ARAM | DSP 1 ARAM<br>D [∗∗∗∗∗]= XXXXXXXX | The umbers which can be changed will blinks<br>To select the digit: Press the TUNING + or TUNING – button<br>To select the number when the umbers (∗∗∗∗∗ or XXXXXXXX) blinks: Rotate the –/+ dial<br>To perform the write when the umbers (XXXXXXXX) blinks: Press the MEMORY/ENTER button<br>∗∗∗∗∗: coefficient RAM address<br>XXXXXXXX: coefficient RAM address data<br>Note: When parenthesis is the position of coefficient RAM address data, up/down of the menu item by the MENU dial are invalid |
| DSP 2 IRAM | DSP 2 IRAM<br>I [∗∗∗∗∗]= XXXX | The umbers which can be changed will blinks<br>To select the digit: Press the TUNING + or TUNING – button<br>To select the number when the umbers (∗∗∗∗∗ or XXXX) blinks: Rotate the –/+ dial<br>To perform the write when the umbers (XXXX) blinks: Press the MEMORY/ENTER button<br>∗∗∗∗∗: instruction RAM address<br>XXXX: instruction RAM address data<br>Note: When parenthesis is the position of instruction RAM address data, up/down of the menu item by the MENU dial are invalid |

| Items | Display | Remark |
|---|---|---|
| DSP 2 ARAM | DSP 2 ARAM<br>D [∗∗∗∗∗]= XXXXXXXX | The umbers which can be changed will blinks<br>To select the digit: Press the TUNING + or TUNING – button<br>To select the number when the umbers (∗∗∗∗∗ or XXXXXXXX) blinks: Rotate the –/+ dial<br>To perform the write when the umbers (XXXXXXXX) blinks: Press the MEMORY/ENTER button<br>∗∗∗∗∗: coefficient RAM address<br>XXXXXXXX: coefficient RAM address data<br>Note: When parenthesis is the position of coefficient RAM address data, up/down of the menu item by the MENU dial are invalid |
| Bass management | SPECIAL<br>BASSMAN. [∗∗∗∗] XX | ∗∗∗∗: AUTO or OFF, XX: 02 to 30<br>(switching with –/+ dial) |
| DSP boot error | SPECIAL | Not used for the servicing<br>DSP BOOT ERROR:XXX |
| DSP write 1 error | SPECIAL | Not used for the servicing<br>DSP WRT1 ERROR:XXX |
| DSP write 2 error | SPECIAL | Not used for the servicing<br>DSP WRT2 ERROR:XXX |
| DSP write 3 error | SPECIAL | Not used for the servicing<br>DSP WRT3 ERROR:XXX |
| DSP read 1 error | SPECIAL | Not used for the servicing<br>DSP RAD1 ERROR:XXX |
| DSP read 2 error | SPECIAL | Not used for the servicing<br>DSP RAD2 ERROR:XXX |
| DSP read 3 error | SPECIAL | Not used for the servicing<br>DSP RAD3 ERROR:XXX |
| DSP HALT | SPECIAL<br>DSP HALT [XXX] | XXX: ON or OFF (switching with –/+ dial) |
| DSP Version display | SPECIAL<br>SurV ∗:vXXX | Not used for the servicing |
| Volume value display | SPECIAL<br>(FL/FR) | Not used for the servicing<br>FL ∗∗∗∗ FR XXXX |
| Volume value display | SPECIAL<br>(SL/SR) | Not used for the servicing<br>SL ∗∗∗∗ SR XXXX |
| Volume value display | SPECIAL<br>(CT/SW) | Not used for the servicing<br>CT ∗∗∗∗ SW XXXX |
| Volume value display | SPECIAL<br>(SBL/SBR) | Not used for the servicing<br>SBL ∗∗∗∗ SBR XXXX |
| EEPROM debug | SPECIAL<br>EEPROM [∗∗∗∗] XX | ∗∗∗∗: EEPROM address<br>XX: EEPROM data (switching with –/+ dial) |
| Super reset | SPECIAL<br>SUPER RESET [XXX] | Not used for the servicing<br>If super reset is performed, “up convert signal level adjustment” will also be initialized<br>When EEPROM initialization is required, perform the “all clear mode” (see page 14 of original service manual) |
| 2nd volume value display | SPECIAL<br>2nd VOLUME –XX | XX: 2nd zone volume value (00 to ∞)<br>(switching with –/+ dial) |
| 3rd volume value display | SPECIAL<br>3rd VOLUME –XX | XX: 3rd zone volume value (00 to ∞)<br>(switching with –/+ dial) |
| FL display duty change | SPECIAL<br>DARK OUT DUTY [XXX%] | XXX: Duty value of FL display (0% to 100%)<br>(switching with –/+ dial) |
| SDRAM check | SPECIAL<br>SDRAM CHECK [XXXXX] | Check the operation of LIP SYNC<br>XXXXX: PASS (OK) or ERROR (NG) |
| Error count display | SPECIAL<br>SCOM ERROR COUNT XXX | Not used for the servicing |
| Version display | SPECIAL<br>Sub Micom Ver. X.XX | Not used for the servicing |

# REVISION HISTORY

Clicking the version allows you to jump to the revised page.
Also, clicking the version at the upper right on the revised page allows you to jump to the next revised page.

| Ver. | Date | Description of Revision |
|---|---|---|
| 1.0 | 2003.08 | New |
| 1.1 | 2004.09 | Addition of “ERROR MESSAGES” to SERVICING NOTES.<br>Addition of “SPECIAL MENU MODE” (SUPPLEMENT-1)<br>(ENG-04006/SPM-04087) |
| 1.2 | 2005.07 | Change of Part No. for Ref. No. C1711, 1712, 1713, 1714, 1715, 1716, 1717, R1711, 1712, 1713, 1714, 1715, 1716, 1717 on D-AMP board<br>(SPM-05046) |
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